2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District

Ash Slough Drop Structure No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	М
	Shoaling / Sedimentation	А
	Erosion / Bank Caving	А
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Ash Slough Drop Structure No. 2

Overall

Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	М
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	Ν
	Sluice/Slide Gates	Ν
	Electric Gate Operators	Ν
	Manual Gate Operators	Ν
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	М
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 2 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Ash Slough Drop Structure No. 3

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	М
	Shoaling / Sedimentation	М
	Erosion / Bank Caving	А
	Revetments	А
	Encroachments	А
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	А
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 3 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Ash Slough Drop Structure No. 4

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	М
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	U
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	Α
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	А
	Electric Gate Operators	N
	Manual Gate Operators	А
	Concrete Surfaces	А
	Concrete Tilting / Settlement	А
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	М
	Safety	Α
	Operation & Maintenance Manual	А

Monday, August 17, 2020 12:05 Page 4 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Bear Creek Diversion Structure

Overall Unit Rating	Rated Item	Item Rating
Α	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	М
	Revetments	М
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	Α
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 5 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Chowchilla Canal Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	Α
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 6 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Eastside Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	М
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	Α
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	Α
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 7 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Eastside Bypass Drop Structure No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	М
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	М
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 8 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Eastside Bypass Drop Structure No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	А
	Erosion / Bank Caving	Α
	Revetments	А
	Encroachments	А
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	М
	Concrete Tilting / Settlement	А
	Concrete Foundations	А
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	М
	Safety	Α
	Operation & Maintenance Manual	А

Monday, August 17, 2020 12:05 Page 9 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Fresno River Drainage Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	N
	Encroachments	М
	Culverts: Inlets / Outlets	А
	Culverts: Breaks / Holes / Cracks	А
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	А
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	M
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	А
	Monolith Joints	А
	Safety	А
	Operation & Maintenance Manual	А

Monday, August 17, 2020 12:05 Page 10 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Mariposa Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	Α
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 11 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Mariposa Bypass Drop Structure

verall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	М
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 12 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Owens Creek Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	М
	Concrete Tilting / Settlement	М
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 13 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Owens Creek Overflow Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	N
	Safety	А
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 14 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

San Joaquin River Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	М
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	Α
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	Α
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 15 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

San Joaquin River Structure

Overall I

Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	М
	Shoaling / Sedimentation	U
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	М
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	А
	Monolith Joints	А
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 17, 2020 12:05 Page 16 of 17

2020 Structure Summary Report

Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Sand Slough Structure

Overall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	А
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	U
	Concrete Tilting / Settlement	А
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Α

Operation & Maintenance Manual

Monday, August 17, 2020 12:05 Page 17 of 17

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Ash Slough Drop Structure No. 1	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Category	& Concrete	GPS Latitude/Longitude				
Category	Channels			Start		End
Item	Photo Do	cumentation		37.0339	52 °	37.033952 °
пеш				-120.4417	33 °	-120.441733 °
DWR ID DWR_NA0010_24_t _ 2012_1						
		Action/	Comme	nts		

Maria Carlo	THE REAL PROPERTY.		-		
				The same of the sa	
ALCOHOL:					
		Will		07.1	2000

Photo 1 of 3: ST_2020_NA0010_24_1_20200721_00013.jpg

Overview of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
I M End	0.00	Issue Type +	Ма	Location *	

Photo 2 of 3: ST_2020_NA0010_24_1_20200721_00012.jpg



View of the right wing wall. (2020)

Photo 3 of 3: ST_2020_NA0010_24_1_20200721_00014.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the left wing wall. (2020)

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		2	
LM End	0.00	Issue Type +	Ма	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Category Channels			Start		End		
Item	Vegetatio	n & Obstruction	ons	37.03395	2 °	37.033952 °	
Item				-120.44173	3°	-120.441733 °	
DWR ID	R ID DWR_NA0010_24_t _ 2012_2						
Action/Comments							

Inspector Comments: No vegetation or obstructions that would impede flow. Tree limb caught on dissipator near the right wing wall.

Photo 1 of 1: ST_2020_NA0010_24_2_20200721_00020.jpg

Tree limb near the right wing wall. (2020)

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels			Start		End	
Itom	Shoaling /	Sedimentation	on	37.0339	52 °	37.033952 °	
пеш	Item				33 °	-120.441733 °	
DWR ID DWR_NA0010_24_t _ 2012_3							
Action/Comments							

Inspector Comments: No sedimentation or shoaling visible.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	4		_
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Category Channels			Start		End		
Item	Erosion /	Bank Caving		37.0339	52 °	37.033952	٥
пеш				-120.44173	33 °	-120.441733	0
DWR ID	DWR ID DWR_NA0010_24_t _ 2017_4						
Action/Comments							

Inspector Comments: Some minor erosion or animal burrowing was found on the back side of the right wing wall of the structure.

Photo 1 of 2: ST_2020_NA0010_24_4_20200721_00015.jpg



Minor erosion at right wing wall. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		4 (cont)		
LM End	0.00	Issue Type +	Ma	Location *				
Cotogony	Structures & Concrete Lined				GPS Latitude/Longitude			
Category Channels			Start		End			
Item	Erosion / Bank Caving				52 °	37.033952 °		
пеш				-120.4417	33 °	-120.441733 °		
DWR ID DWR_NA0010_24_t _ 2017_4								
Action/Comments								

Inspector Comments: Some minor erosion or animal burrowing was found on the back side of the right wing wall of the structure.



Ash Slough #1 minor erosion at right wingwall. (Summer 2017)

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category					End	
Item	Revetments			37.0339	52 °	37.033952 °	
item				-120.4417	33 °	-120.441733 °	
DWR ID DWR_NA0010_24_t _ 2012_5							
			_	,			

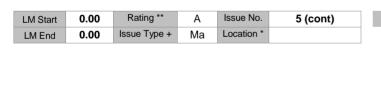
Action/Comments

Inspector Comments: Structure revetment appears to be well maintained.

Photo 1 of 2 : ST_2020_NA0010_24_5_20200721_00017.jpg
Filoto 1 01 2 . 31_2020_NA0010_24_3_20200721_00017.jpg
00 18 odo

View of downstream revetment placed after 2019's inspection. (2020)

Photo 2 of 2: ST_2020_NA0010_24_5_20200610_00008.jpg





Downstream revetment has been washed away. (2019)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	6			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Category			Start		End		
Item	Encroachments			37.03395	2 °	37.033952	0	
пеш	em				3°	-120.441733	0	
DWR ID	DWR ID DWR_NA0010_24_t _ 2012_6							
Action/Comments								

Inspector Comments: No visible encroachment.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 37.033952° 37.033952° Item -120.441733 ° -120.441733 ° DWR NA0010 24 t 2012 7 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Breaks / Holes / 37.033952° 37.033952° Item Cracks -120.441733 ° -120.441733 ° DWR_NA0010_24_t _ 2012_8 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	9		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Category Channels			Start		End	
Item	Metal Pipe	es		37.03395	2 °	37.033952 °	
пеш				-120.44173	3°	-120.441733 °	
DWR ID	ID DWR_NA0010_24_t _ 2012_9						
Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 10 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 37.033952° 37.033952° Item -120.441733 ° -120.441733 ° DWR NA0010 24 t 2012 10 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 11 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Flap Gates 37.033952° 37.033952° Item -120.441733 ° -120.441733 ° DWR_NA0010_24_t _ 2012_11 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	12			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Sluice/Sli	de Gates		37.03395	2 °	37.033952 °		
пеш			-120.44173	3°	-120.441733 °			
DWR ID	DWR_NA0010_24_t _ 2012_12							
Action/Comments								

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 13 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels **Electric Gate Operators** 37.033952° 37.033952° Item -120.441733 ° -120.441733 ° DWR NA0010 24 t 2012 13 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 14 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Manual Gate Operators 37.033952° 37.033952° Item -120.441733 ° -120.441733 ° DWR ID DWR_NA0010_24_t _ 2012_14 Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	15			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Concrete	Surfaces		37.03395	2 °	37.033952 °		
пеш				-120.44173	3°	-120.441733 °		
DWR ID	R ID DWR_NA0010_24_t _ 2012_15							
Action/Comments								

Inspector Comments: No visible damage to concrete surfaces.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		16
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Structures	GPS La	titud	le/Longitude		
Category				Start		End
Item	Concrete Tilting / Settlement			37.03395	2 °	37.033952 °
пеш				-120.44173	3°	-120.441733 °
DWR ID	DWR_NA0	010_24_t _ 201	2_16			

Action/Comments

Inspector Comments: No visible movement or settlement present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels				GPS La	tituc	le/Longitude	
				Start E		End	
Item	Concrete	Foundations		37.03395	52 °	37.033952	٥
пеш		-120.44173	33 °	-120.441733	٥		
DWR ID	DWR ID DWR_NA0010_24_t _ 2012_17						
Action/Comments							

Inspector Comments: No scour or erosion along the structure foundation observed.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Security F	encing		37.03395	2 °	37.033952 °	
пеш				-120.44173	3°	-120.441733 °	
DWR ID	DWR_NA0010_24_t _ 2012_18						
Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 19 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 37.033952° 37.033952° Item -120.441733 ° -120.441733 ° DWR NA0010 24 t 2012 19 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 20 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 37.033952° 37.033952° Item -120.441733 ° -120.441733 ° DWR_NA0010_24_t _ 2012_20 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		21			
LM End	0.00	Issue Type +	Ma	Location *					
Catagony	Category Structures & Concrete Lined Channels			Structures & Concrete Lined			GPS La	tituc	de/Longitude
Calegory				Start		End			
Item	Other Met	tallic Items		37.03395	52 °	37.033952 °			
пеш				-120.44173	33 °	-120.441733 °			
DWR ID	DWR_NA0	010_24_t _ 201	2_21						
			_						

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		22	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels			Start		End	
Item	Monolith .	37.03395	2 °	37.033952	0		
item				-120.44173	3°	-120.441733	0
DWR ID	DWR_NA0	010_24_t _ 201	2_22				

Action/Comments

Inspector Comments: Joint gaskets on the wing walls appear to be deteriorating. Monitor for potential repairs.

LM Start	0.00	Rating **	Α	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2: ST_2020_NA0010_24_22_20200721_00018.jpg



View of gasket on the right wing wall. (2020)

Photo 2 of 2: ST_2020_NA0010_24_22_20200721_00019.jpg



View of monolith joint at the left wing wall. (2020)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

& Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	23		
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Safety		37.0339	52 °	37.033952 °		
пеш				-120.44173	33 °	-120.441733 °	
DWR ID	DWR_NA0010_24_t _ 2012_23						
Action/Comments							

Inspector Comments: No visible safety hazards.

No Photos

Rating ** Issue No. LM Start 0.00 Α 24 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Operation & Maintenance 37.033952 ° 37.033952° Item Manual -120.441733 ° -120.441733 ° DWR_NA0010_24_t _ 2013_24 DWR ID

Action/Comments

Inspector Comments: The manual is on file in the office.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Ash Slough Drop Structure No. 2	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete	Lined	GPS La	titud	de/Longitude
Calegory	Channels			Start		End
Photo Documentation			37.0378	53 °	37.037853 °	
item				-120.4400	67 °	-120.440067 °
DWR ID	DWR_NA0					
		Action/	Comme	nts		

Photo 1 of 3: ST_2020_NA0010_25_1_20200721_00014.jpg

Overview of downstream side of the structure. (2020)

LM Start 0.00 Rating ** Issue No. 1 (cont) Location * LM End 0.00 Issue Type + Ma

Photo 2 of 3: ST_2020_NA0010_25_1_20200721_00013.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of left wing wall. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetation & Obstructions		37.03785	3°	37.037853 °	
item				-120.44006	7 °	-120.440067 °
DWR ID	DWR_NA0	010_25_t _ 201	2_2			
	Action/Comments					

Inspector Comments: No vegetation or obstructions identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Itom	Item Shoaling / Sedimentation		n	37.0378	53 °	37.037853	0
iteiii			-120.4400	67 °	-120.440067	0	
DWR ID	DWR_NA0	010_25_t _ 201	2_3				

Action/Comments

Inspector Comments: No sedimentation was identified.

No Photos

LM Start	0.00	Rating **	М	Issue No.	4		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	tituc	le/Longitude		
Calegory	Channels			Start		End	
ltom	Item Erosion / Bank Caving		37.0378	53 °	37.037853	0	
пеш				-120.4400	67°	-120.440067	0
DWR ID	DWR_NA0010_25_t _ 2012_4						
Action/Comments							

Inspector Comments: Large hole on the exterior of the right side wall 2-3 feet wide and 4-5 feet deep and 6-8 feet long. This erosion extends back to the headwall which is visible.

Photo 1 of 4: ST_2020_NA0010_25_4_20200721_00016.jpg



Erosion at right wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.	4 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
				Start		End	
Item	Erosion /	Bank Caving		37.0378	53 °	37.037853	
item				-120.4400	67 °	-120.440067	
DWR ID DWR_NA0010_25_t _ 2012_4							
	Action/Comments						

Inspector Comments: Large hole on the exterior of the right side wall 2-3 feet wide and 4-5 feet deep and 6-8 feet long. This erosion extends back to the headwall which is visible.

LM Start	0.00	Rating **	М	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST_2020_NA0010_25_4_20200721_00020.jpg
07/2
ETA .
The second second
07 15 2020

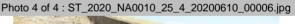
View inside erosion pocket. (2020)

Photo 3 of 4: ST_2020_NA0010_25_4_20200610_00005.jpg



Erosion at right sidewall (2018)

LM Start	0.00	Rating **	М	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ма	Location *	





Erosion on the right sidewall (2017)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		5				
LM End	0.00	Issue Type +	Ma	Location *						
Structures & Concrete Lined			GPS Latitude/Longitude							
Category	Channels			Start		End				
Item	Revetments			37.03785	3°	37.037853 °				
пеш				-120.44006	7 °	-120.440067 °				
DWR ID	DWR_NA0	010_25_t _ 201	2_5							
		A -4:	A ation / Common anto							

Action/Comments Inspector Comments: Existing revetment appears to be adequate, but is partially obscured by sand.

Photo 1 of 1: ST_2020_NA0010_25_5_20200721_00021.jpg



View of revetment looking towards the right bank. (2020)

LM Start	0.00	Rating **	Α	Issue No.	6		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Encroach	ments		37.03785	3°	37.037853	0
item				-120.44006	67°	-120.440067	0
DWR ID	DWR_NA0	010_25_t _ 201	2_6		·		
		A otion/	Commo	oto			

Action/Comments

Inspector Comments: No visible encroachments.

No Photos

LM Start	0.00	Rating **	N	Issue No.		7	_	
LM End	0.00	Issue Type +	Ma	Location *				
Catagony	Structures & Concrete Lined			GPS La	titud	le/Longitude		
Category		Start		End				
Item	Culverts:	Inlets / Outlets	S	37.0378	53 °	37.037853	0	
пеш				-120.44006	67°	-120.440067	0	
DWR ID	DWR_NA0	010_25_t _ 201	2_7					
	Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined GPS Latitude/Longitu				le/Longitude			
Calegory	Category Channels			Start		End	
Item		Breaks / Hole	s /	37.03785	3°	37.037853	0
пеш	Cracks			-120.44006	7 °	-120.440067	0
DWR ID	DWR_NA0	010_25_t _ 201:	2_8				
	Action/Comments						

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 37.037853° 37.037853° Item -120.440067 ° -120.440067 ° DWR NA0010 25 t 2012 9 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 10 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 37.037853° 37.037853° Item -120.440067 ° -120.440067 ° DWR_NA0010_25_t _ 2012_10 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Flap Gates			37.03785	i3°	37.037853 °	
item				-120.44006	7 °	-120.440067 °	
DWR ID	DWR_NA0	010_25_t _ 201	2_11				
Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 12 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Sluice/Slide Gates 37.037853° 37.037853 ° Item -120.440067 ° -120.440067 ° DWR_NA0010_25_t _ 2012_12 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 13 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start **Electric Gate Operators** 37.037853° 37.037853° Item -120.440067 ° -120.440067 ° DWR_NA0010_25_t _ 2012_13 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	14		
LM End	0.00	Issue Type +	Ma	Location *			
Cotogoni	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
				Start		End	
Item	Manual Gate Operators			37.03785	3°	37.037853	0
				-120.440067	, °	-120.440067	0
DWR ID	DWR_NA0010_25_t _ 2012_14						
Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Α 15 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Surfaces 37.037853° 37.037853 ° Item -120.440067 ° -120.440067 ° DWR_NA0010_25_t _ 2012_15 DWR ID

Action/Comments

Inspector Comments: No spalling or cracking identified for the structure.

No Photos

Rating ** Issue No. LM Start 0.00 16 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Tilting / Settlement 37.037853° 37.037853° Item -120.440067 ° -120.440067 ° DWR ID DWR_NA0010_25_t _ 2012_16 Action/Comments

Inspector Comments: No visible movement or settlement.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	17			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Category Channels			Start		End		
Item	Concrete	Foundations		37.03785	3°	37.037853 °		
пеш				-120.44006	67 °	-120.440067 °		
DWR ID	DWR_NA0	A0010_25_t _ 2012_17						
	Action/Comments							

Inspector Comments: No scouring or undermining identified.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 18 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Security Fencing 37.037853° 37.037853 ° Item -120.440067 ° -120.440067 ° DWR_NA0010_25_t _ 2012_18 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 19 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Closure Structures 37.037853° 37.037853° Item -120.440067 ° -120.440067 ° DWR_NA0010_25_t _ 2012_19 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	20			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Category Channels			Start		End		
Item	Trash Ral	ces		37.03785	3°	37.037853 °		
пеш				-120.44006	7 °	-120.440067 °		
DWR ID	DWR_NA0	NA0010_25_t _ 2012_20						
	Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Lat	itud	le/Longitude		
Calegory	Channels			Start		End	
Item	Other Met	tallic Items		37.03785	3°	37.037853	0
item		-120.44006	7 °	-120.440067	0		
DWR ID	DWR_NA0	010_25_t _ 201	2_21				

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

LM Start	0.00	Rating **	М	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	titud	le/Longitude	
Calegory	Category Channels			Start		End
Item	Monolith .	Joints		37.03785	3°	37.037853 °
пеш	item		-120.44006	7°	-120.440067 °	
DWR ID	DWR_NA0	010_25_t _ 201	2_22			

Action/Comments

Inspector Comments: Joint gaskets on both wingwalls are deteriorating and need to be repaired.

Photo 1 of 3: ST_2020_NA0010_25_22_20200721_00022.jpg



View of the gasket at the left wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown * Rating
A · Accept

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.	22 (cont)		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels			Start		End	
Item	Monolith .	Joints		37.03785	3°	37.037853 °	
пеш				-120.44006	67 °	-120.440067 °	
DWR ID DWR_NA0010_25_t _ 2012_22							
Action/Comments							

Inspector Comments: Joint gaskets on both wingwalls are deteriorating and need to be repaired.

LM Start	0.00	Rating **	М	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



Deteriorated gasket on the right wing wall. (2020)

Photo 3 of 3: ST_2020_NA0010_25_22_20200610_00011.jpg



Left bank gasket is deteriorated at headwall. (2017)

LM Start	0.00	Rating **	Α	Issue No.		23		
LM End	0.00	Issue Type +	Ma	Location *				
Category		s & Concrete I	Lined	GPS Latitude/Longitu				
Category	Channels		Start		End			
Item	Safety		37.0	37.0378	53 °	37.037853		
item				-120.4400	67 °	-120.440067		
DWR ID	DWR_NA0	010_25_t _ 201	2_23					
		Action/	Comme	nts				
Inspector (Inspector Comments: No visible safety hazards at this structure.							

No Photos

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined				tituc	le/Longitude
Calegory	Channels			Start		End
Item		& Maintenan	ce	37.03785	53 °	37.037853 °
Item	Manual			-120.44006	67 °	-120.440067 °
DWR ID	DWR_NA0	010_25_t _ 201	3_24			
		Action/	Comme	nts		
Inspector (Comments	: The manual	is on file	in the offic	e.	

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Ash Slough Drop Structure No. 3	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

ltem	// Start 0.00	0.00 Ratin	9** N	Issue No.	1
Category Channels Start End Item Photo Documentation 37.042767 ° 37.042 -120.436323 ° -120.436 -120.436323 ° -120.436	0.00 d End	0.00 Issue T	/pe + Ma	Location *	
Start End	togon		crete Lined	GPS Latit	ude/Longitude
tem	Channe	Channels		Start	End
-120.436323 ° -120.4366 DWR ID DWR_NA0010_26_t _ 2017_1				37.042767	° 37.042767
	item			-120.436323	° -120.436323
Action/Comments	WR ID DWR_NA	DWR_NA0010_26_			
		,	ction/Comme	ents	

LM Start	0.00	Rating **	N	Issue No.	1 (cont)

Location *

Issue Type +

LM End

0.00



Overview of the downstream side of the structure. (2020)

Photo 2 of 3: ST_2020_NA0010_26_1_20200721_00011.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the left wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		le/Longitude
Calegory	Channels			Start		End
Item	Vegetation & Obstructions			37.04276	7 °	37.042767 °
пеш				-120.43632	3°	-120.436323 °
DWR ID	DWR_ID DWR_NA0010_26_t _ 2012_2					
Action/Comments						

Inspector Comments: Tree branch caught along right wing wall of structure.

The Part of the Pa		Name and Address	
		name .	
204			
	No.	4	
/			
	Aller .		

Photo 1 of 1: ST_2020_NA0010_26_2_20200721_00014.jpg

Tree limb caught along the right wing wall. (2020)

Photo 1 of 2: ST_2020_NA0010_26_3_20200721_00015.jpg

LM Start	0.00	Rating **	М	Issue No.		3
LM End	0.00 Issue Type + Ma			Location *		
Category	Structures & Concrete Lined			GPS La	atitud	le/Longitude
Calegory	Channels			Start		End
Item	Shoaling / Sedimentation			37.0427	67 °	37.042767 °
item			-120.4363	23 °	-120.436323 °	
DWR ID	DWR_NA0	010_26_t _ 201	2_3		·	

Action/Comments

Inspector Comments: Sedimentation on the upstream side of structure and also on the downstream side of the left wingwall area.

15000		
Auto-Land Bridge		STATE OF THE REAL PROPERTY.
AND CONTRACTOR OF THE PARTY OF		
		No.
and the second		
ALT VALUE	The state of the s	
The state of the s		
一种发生。		
		-
A STATE OF THE PARTY OF THE PAR		
70000		
		07 15 2020
WEST STORY		11 (0.0.0.)

Sediment accumulating near the left wing wall. (2020)

LM Start	0.00	Rating **	М	Issue No.	3 (cont)
LMEnd	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST_2020_NA0010_26_3_20200610_00006.jpg



Sedimentation near left wing wall (2018)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		4			
LM End	0.00	Issue Type +	Ма	Location *					
Structures & Concrete Lined			GPS Lati	tud	e/Longitude				
Calegory	Category Channels			Start		End			
Item	Erosion /	Bank Caving		37.042767	, 0	37.042767	0		
пеш				-120.436323	°	-120.436323	0		
DWR ID DWR_NA0010_26_t _ 2012_4									
	A 11 10								

Action/Comments

Inspector Comments: No visible erosion or caving near the structure was identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		5
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures	GPS La	atitud	e/Longitude		
Calegory	Channels			Start		End
Item	Revetmer	nts		37.0427	67 °	37.042767 °
пеш				-120.4363	23 °	-120.436323 °
DWR ID	DWR NA0	010 26 t 201	2 5			

Action/Comments

Inspector Comments: Existing revetment is covered by the sand. Recommend maintenance to ensure revetment is adequate.



Downstream view of revetment, mostly obscured by sedimentation. (2020)

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *			
Category Changels			GPS La	titud	le/Longitude		
Category	Channels			Start		End	
Item	Encroach	ments		37.04276	67°	37.042767	0
пеш				-120.43632	23 °	-120.436323	0
DWR ID DWR_NA0010_26_t _ 2012_6							
Action/Comments							

Inspector Comments: No visible encroachments near the structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	7		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Lined	GPS Latitude/Longitude					
Calegory	Channels			Start		End	
Item	Culverts:	Inlets / Outlets	S	37.04276	7 °	37.042767	0
Item				-120.43632	3°	-120.436323	0
DWR ID DWR_NA0010_26_t _ 2012_7							
	Action/Comments						

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Breaks / Holes / 37.042767° 37.042767° Item Cracks -120.436323 ° -120.436323 ° DWR ID DWR_NA0010_26_t _ 2012_8

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Metal Pipes 37.042767° 37.042767 Item -120.436323 ° -120.436323 ° DWR_NA0010_26_t _ 2012_9 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		10	
LM End	0.00	Issue Type +	Ma	Location *			
Category	& Concrete I	Lined	GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Trash Rad	cks		37.04276	7 °	37.042767 °	
пеш				-120.43632	3°	-120.436323 °	
DWR ID DWR_NA0010_26_t _ 2012_10							
Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 11 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 37.042767° 37.042767° Item -120.436323 ° -120.436323 ° DWR NA0010 26 t 2012 11 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 12 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Sluice/Slide Gates 37.042767° 37.042767 Item -120.436323 ° -120.436323 ° DWR_NA0010_26_t _ 2012_12 DWR ID Action/Comments

Inspector Comments: This items does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13			
LM End	0.00	Issue Type +	Ма	Location *				
Structures & Concrete Lined			GPS Lat	ituc	le/Longitude			
Calegory	Category Channels			Start		End		
Item	Electric G	ate Operators	;	37.04276	7 °	37.042767	٥	
пеш				-120.43632	3°	-120.436323	0	
DWR ID DWR_NA0010_26_t _ 2012_13								
	Action/Commants							

Action/Comments

Inspector Comments: This item does not exist at this structure.

Issue No. LM Start 0.00 Rating ** Ν 14 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Manual Gate Operators 37.042767° 37.042767° Item -120.436323 ° -120.436323 ° DWR NA0010 26 t 2012 14 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

Rating ** Issue No. LM Start 0.00 15 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Surfaces 37.042767° 37.042767 Item -120.436323 ° -120.436323 ° DWR ID DWR_NA0010_26_t _ 2012_15 Action/Comments

Inspector Comments: No visible damage.

No Photos

No Photos

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ма	Location *			
Category	GPS La	titud	le/Longitude				
Calegory	Channels			Start		End	
Item	Concrete	Tilting / Settle	ment	37.04276	67 °	37.042767 °	
пеш				-120.43632	23 °	-120.436323 °	
DWR ID	DWR_NA0010_26_t _ 2012_16						
Action/Comments							

Inspector Comments: No visible movement or settlement.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		17	
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels		GPS Latitude/Longitude					
		Start		End			
Item	Concrete	Foundations		37.04276	7 °	37.042767	0
item				-120.43632	3 °	-120.436323	0
DWR ID	DWR_NA0	010_26_t _ 201	2_17				
			_				

Action/Comments

Inspector Comments: No visible undermining or erosion.

No Photos

LM Start	0.00	Rating **	N	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined		GPS Latitude/Longitude					
Calegory	Channels		Start		End		
Itom	Security Fencing		37.04276	7 °	37.042767	٥	
ltem , , , ,		-120.43632	23 °	-120.436323	0		
DWR ID	DWR_NA0	010_26_t _ 201	2_18		·		
Action/Comments							

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19	
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End	
Item	Closure S	Closure Structures		37.04276	7 °	37.042767 °
Item			-120.43632	3°	-120.436323 °	
DWR ID	DWR_NA0	010_26_t _ 201	2_19			
Action/Comments						

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 20 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 37.042767° 37.042767° Item -120.436323 ° -120.436323 ° DWR NA0010 26 t 2012 20 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 21 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 37.042767° 37.042767 Item -120.436323 ° -120.436323 ° DWR_NA0010_26_t _ 2012_21 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start		End	
Item	Monolith Joints		37.0427	67 °	37.042767 °	
пеш				-120.4363	23 °	-120.436323 °
DWR ID	DWR_NA0	010_26_t _ 201	2_22			
Action/Comments						

Inspector Comments: All joints appears to be in good condition. Some minor degradation of the joint material on the right and left wingwall but does not appear it would currently impact structure.



Deterioration of right wing wall gasket. (2019)

LM Start	0.00	Rating **	Α	Issue No.		23
LM End	0.00	Issue Type +	Ма	Location *		
Category Changels			GPS Latitude/Longitude			
Calegory	Channels		Start		End	
Item	Safety			37.0427	67 °	37.042767 °
item			-120.4363	23 °	-120.436323 °	
DWR ID DWR_NA0010_26_t _ 2012_23						
Action/Comments						

Action/Comments

Inspector Comments: No visible safety hazards at the structure.

NO Photos	No	Photos
-----------	----	---------------

LM Start	0.00	Rating **	Α	Issue No.	24		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item		Operation & Maintenance		37.04276	67°	37.042767	0
Manual				-120.436323 °		° -120.436323	
DWR ID	DWR_NA0	010_26_t _ 201	3_24				
Action/Comments							

Inspector Comments: The O&M manual is on file in the office.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Ash Slough Drop Structure No. 4	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Ν	Issue No.		1
LM End	0.00	Issue Type +	Ма	Location *		
Category		& Concrete I	_ined	GPS La	atituc	de/Longitude
Calegory	Channels			Start		End
Item	Photo Documentation			37.0450	45 °	37.045045 °
пеш				-120.4298	55 °	-120.429855 °
DWR ID	DWR_NA0	010_27_t _ 201	2_1			
		Action/	Comme	nts		

the state of the	Bank a	A. Y. and Employ
		<u> E</u>
S C	The state of the s	
		07-10-3020

Photo 1 of 3: ST_2020_NA0010_27_1_20200721_00023.jpg

View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST_2020_NA0010_27_1_20200721_00024.jpg



Overview of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the left wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown * Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

onitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category			Start		End
Item	Vegetatio	n & Obstruction	ons	37.04504	5 °	37.045045 °
пеш				-120.42985	5 °	-120.429855 °
DWR ID	DWR_NA0010_27_t _ 2012_2					
Action/Comments						

Inspector Comments: Trees should be removed from around structure.



Photo 1 of 2: ST_2020_NA0010_27_2_20200610_00004.jpg

View of tree growing at the left head wall. (2019)

LM Start	0.00	Rating **	М	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST_2020_NA0010_27_2_20200610_00005.jpg



Branches and debris piling up along left headwall. (2019)

LM Start	0.00	Rating **	Α	Issue No.		3
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures	GPS Latitude/Longitude				
Calegory	Channels			Start		End
Item	Shoaling /	/ Sedimentation	on	37.04504	5 °	37.045045 °
пеш				-120.42985	5 °	-120.429855 °
DWR ID	DWR_NA0	010_27_t _ 201	2_3			

Action/Comments

Inspector Comments: Minor sedimentation on the downstream left bank side of the structure at the metal culvert outlet.



Sedimentation downstream along the left wall. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Monday, August 17, 2020 12:05

: Acceptable : Minimally Acceptable

N : Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		4		
LM End	0.00	Issue Type +	Ма	Location *				
Structures & Concrete Lined			GPS Latitude/Longitude					
Calegory	Category Channels			Start		End		
Item	Erosion /	Bank Caving		37.0450	45 °	37.045045	0	
пеш				-120.4298	55 °	-120.429855	0	
DWR ID	DWR_NA0	010_27_t _ 201	2_4					
	Action/Comments							

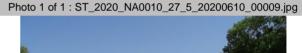
Inspector Comments: No visible erosion was found.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		5		
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End		
Item	Revetmer	nts		37.04504	۱5°	37.045045 °		
пеш				-120.42985	55 °	-120.429855 °		
DWR ID	DWR_NA0	010_27_t _ 201	2_5					

Action/Comments

Inspector Comments: No revetment visible on upstream side of structure. Downstream revetment is covered by sand. Recommend maintenance to ensure revetment is adequate.





View of downstream side of structure looking upstream. (2018)

LM Start	0.00	Rating **	U	Issue No.		6	
LM End	0.00	Issue Type +	En	Location *			
Catagony	Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Category Channels			Start		End	
Item	Encroach	ments		37.04504	15 °	37.045045 °	
пеш				-120.42985	55 °	-120.429855 °	
DWR ID	DWR_NA0	010_27_t _ 201	2_6				
		A ation/	Camma	n+n			

Action/Comments

Inspector Comments: Landowner is blocking the structure with a sand dam. Additionally, the landowner installed unauthorized pipes through the unauthorized sand dam.



View along unauthorized sand dam from the left bank. (2020)

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable N : Not Inspected/Rated Corrected

: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	Issue No. 6 (co	
LM End	0.00	Issue Type +	En	Location *		
Catagony		s & Concrete I	Lined	GPS La	atitud	le/Longitude
Category	Channels			Start		End
Item	Encroach	ments		37.0450	45 °	37.045045 °
пеш				-120.4298	55 °	-120.429855 °
DWR ID	DWR_NA0	010_27_t _ 201	2_6			
Action/Comments						

Inspector Comments: Landowner is blocking the structure with a sand dam. Additionally, the landowner installed unauthorized pipes through the unauthorized sand dam.

	N NO Y		And the	-	Ma -
10			and y	1	
1		A STATE		We made	1
		W.		TO THE STATE OF TH	No.
y of the oth	or upouthor	izad ninaa	through t	ha unauth	orized oc

Photo 2 of 3: ST_2020_NA0010_27_6_20200721_00027.jpg

View of the other unauthorized pipes through the unauthorized earthen dam. (2020)

LM Start	0.00	Rating **	U	Issue No.	6 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 3 of 3: ST_2020_NA0010_27_6_20200610_00010.jpg



View of unauthorized earthern dam and pipe from right bank. (2019)

LM Start	0.00	Rating **	Α	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Category Changels			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Culverts:	Inlets / Outlets	S	37.04504	°	37.045045	0
пеш				-120.42985	°	-120.429855	0
DWR ID	DWR_NA0	010_27_t _ 201	2_7			·	

Action/Comments

Inspector Comments: The structure has 1 CMP culvert at the base of each wingwall that appear to be in good shape with no visible signs of deterioration.



View of inlet on the right bank. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		7 (cont)	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Lat	ituc	le/Longitude		
Category	Channels			Start		End	
Itom	Culverts:	Inlets / Outlets	3	37.04504	5 °	37.045045 °	
Item				-120.42985	5 °	-120.429855 °	
DWR ID	DWR_NA0010_27_t _ 2012_7						
	Action/Comments						

Inspector Comments: The structure has 1 CMP culvert at the base of each wingwall that appear to be in good shape with no visible signs of deterioration.

LM Start	0.00	Rating **	Α	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST_2020_NA0010_27_7_20200721_00029.jpg

View of outlet at the right wing wall. (2020)

Photo 3 of 4: ST_2020_NA0010_27_7_20200721_00031.jpg



View of inlet at the left bank. (2020)

LM Start	0.00	Rating **	Α	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of outlet at the left wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected vW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

& Maintain En . Enforceme

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Catagory		s & Concrete I	Lined	GPS Lati	tud	e/Longitude
Category	Channels			Start		End
Item		Breaks / Hole	s/	37.045045	°	37.045045 °
item	Cracks		-120.429855	°	-120.429855 °	
DWR ID	DWR_NA0	010_27_t _ 201	2_8			
			_			

Action/Comments

Inspector Comments: There are no visible signs of breaks in the culverts.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		9	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels	Channels				End	
Item	Metal Pip	es		37.04504	5 °	37.045045	0
item				-120.42985	5 °	-120.429855	0
DWR ID	DWR_NA0	010_27_t _ 201	2_9				

Action/Comments

Inspector Comments: The structure has 1 metal culvert at the base of each wing wall that appear to be in good shape with no visible signs of deterioration. 1 CMP along the headwall that connects between the culverts on each wing wall.

LM Start	0.00	Rating **	Α	Issue No.	9 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Inlet for right wing wall CMP. (2020)

Photo 2 of 3: ST_2020_NA0010_27_9_20200721_00034.jpg



Inlet for left wing wall CMP. (2020)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

intain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	9 (cont)				
LM End	0.00	Issue Type +	Ma	Location *					
Catagony	Category Channels						GPS La	atitud	le/Longitude
Calegory	Channels			Start		End			
Item	Metal Pip	Metal Pipes			45 °	37.045045 °			
item				-120.4298	55 °	-120.429855 °			
DWR ID DWR_NA0010_27_t _ 2012_9									
		Action/	Comme	nts					

Inspector Comments: The structure has 1 metal culvert at the base of each wing wall that appear to be in good shape with no visible signs of deterioration. 1 CMP along the headwall that connects between the culverts on each wing wall.

Photo 3 of 3: ST_2020_NA0010_27_9_20200721_00035.jpg



CMP that connect between culverts risers on left and right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	10	
LM End	0.00	Issue Type +	Ma	Location *		
Category		s & Concrete I	GPS Latitude/Longitude			
Calegory	Channels			Start E		End
Item	Trash Ra	cks		37.0450	45 °	37.045045 °
пеш				-120.4298	55 °	-120.429855 °
DWR ID	DWR_NA0	010_27_t _ 201	2_10			
		A -4:	O	-1-		

Action/Comments

Inspector Comments: This item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		11	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS La	atitud	le/Longitude	
Calegory	Channels			Location * GPS Lat Start 37.04504 -120.42985	End		
Item	Flap Gate	:S		37.0450	45 °	37.045045	0
пеш				-120.4298	55 °	-120.429855	0
DWR ID	DWR_NA0	010_27_t _ 201	2_11				
		Action/	Comme	nts			

Inspector Comments: This item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	12			
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined			Structures & Concrete Lined		GPS La	atitud	e/Longitude
Calegory	Channels	Channels				End		
Item	Sluice/Sli	Sluice/Slide Gates		37.0450	45 °	37.045045 °		
item		Issue Type + Ma Location *	-120.429855 °					
DWR ID DWR_NA0010_27_t _ 2012_12								
	Action/Comments							

Inspector Comments: The structure includes 1 slide gate on each bank. Both are operational.

LM Start	0.00	Rating **	Α	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Slide gate on the right bank. (2020)

Photo 2 of 2: ST_2020_NA0010_27_12_20200721_00037.jpg



Slide gate on the left bank. (2020)

LM Start	0.00	Rating **	N	Issue No.		13
LM End	0.00	Issue Type +	Ma	Location *		
Category		s & Concrete I	Lined	GPS La	atitud	e/Longitude
Calegory	Channels			Start		End
Item	Electric Gate Operators		37.0450	45 °	37.045045	
пеш				-120.4298	55 °	-120.429855
DWR ID	DWR_NA0	010_27_t _ 201	2_13			
		Action/	Comme	nts		
Inspector (Comments	: This item do	es not e	xist on this	stru	cture.

No Photos

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		14	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS La	atitud	le/Longitude	
Calegory	Channels					End	
Item	Manual G	ate Operators	;	37.045045		37.045045	0
item				-120.4298	55 °	-120.429855	0
DWR ID	DWR_NA0	010_27_t _ 201	2_14				
		Action/	Comme	nts			

Inspector Comments: Manual gate operators perform as intended and appear to be adequately maintained.

No Photos

Issue No. LM Start 0.00 Rating ** Α 15 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Surfaces 37.045045° 37.045045 ° Item -120.429855 ° -120.429855 ° DWR NA0010 27 t 2012 15 DWR ID

Action/Comments

Inspector Comments: No visible damage.

No Photos

Rating ** Issue No. LM Start 0.00 16 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Tilting / Settlement 37.045045° 37.045045° Item -120.429855 ° -120.429855 ° DWR ID DWR_NA0010_27_t _ 2012_16 Action/Comments

Inspector Comments: No visible movement or settlement.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined		GPS Latitude/Longitude					
Calegory	Channels		Start		End		
Item	Concrete Foundations		37.0450	45 °	37.045045	0	
пеш				-120.429855 °		-120.429855	0
DWR ID	R ID DWR_NA0010_27_t _ 2012_17						
Action/Comments							

Inspector Comments: No visible undermining at the structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 18 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Security Fencing 37.045045° 37.045045 ° Item -120.429855 ° -120.429855 ° DWR NA0010 27 t 2012 18 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 19 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Closure Structures 37.045045° 37.045045° Item -120.429855 ° -120.429855 ° DWR ID DWR_NA0010_27_t _ 2012_19 Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined		GPS Latitude/Longitude				
Calegory	Channels		Start		End	
Item	Trash Ral	Rakes		37.04504	5 °	37.045045 °
item				-120.42985	5 °	-120.429855 °
DWR ID	D DWR_NA0010_27_t _ 2012_20					
Action/Comments						

Inspector Comments: This item does not exist at this structure.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 21 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Other Metallic Items 37.045045° 37.045045 ° Item -120.429855 ° -120.429855 ° DWR_NA0010_27_t _ 2012_21 DWR ID

Action/Comments

Inspector Comments: No metal items at this structure.

No Photos

LM Start	0.00	Rating **	М	Issue No.		22	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Category				Start		End	
Item	Monolith Joints		37.04504	15 °	37.045045 °		
пеш				-120.4298	55 °	-120.429855 °	
DWR ID	DWR_NA0	010_27_t _ 201	2_22				

Action/Comments

Inspector Comments: The gasket on the right wingwalll is starting to deteriorate. Recommend repair.



Photo 1 of 1: ST_2020_NA0010_27_22_20200721_00038.jpg

View of gasket on right wingwall. (2020)

Page 11 of 12

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

& Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined		GPS Latitude/Longitude				
Calegory	Channels		Start		End	
Itom	ltem Safety		37.04504	15 °	37.045045 °	
пеш				-120.42985	55 °	-120.429855 °
DWR ID	DWR_NA0	010_27_t _ 201	2_23			
Action/Comments						

Inspector Comments: No safety hazards visible.

No Photos

Rating ** Issue No. LM Start 0.00 Α 24 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Operation & Maintenance 37.045045° 37.045045° Item Manual -120.429855 ° -120.429855 ° DWR_NA0010_27_t _ 2013_24 DWR ID

Action/Comments

Inspector Comments: The O&M manual is on file in the office.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Bear Creek Diversion Structure	

Structure Rating	Α
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category			Start		End	
Item	Photo Documentation			37.2549	70 °	37.254970 °
item			-120.7184	50 °	-120.718450 °	
DWR ID	DWR ID DWR_NA0010_34_t _ 2012_1					
Action/Comments						

Inspector Comments: Structure appears to be acceptably maintained.

example 6	The same	2	#		Market	4
		t		111	N	Ter Marin
4						
					-	
		The same	1			
CÅ .					Carlos Carlos	
达 州						
		1	i da		-07	30 2019
1		J. Was			To the second	

Photo 1 of 3: ST_2020_NA0010_34_1_20200610_00001.jpg

Overview of structure from left bank looking upstream. (2019)

Photo 2 of 3: ST_2020_NA0010_34_1_20200716_00020.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



View of upstream side of the structure from the left bank. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



View of downstream side of the structure from the right bank. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Vegetatio	n & Obstruction	ons	37.25497	°	37.254970	0
пеш				-120.71845	°	-120.718450	0
DWR ID	DWR_NA0	A0010_34_t _ 2012_2					
	Action/Comments						

Inspector Comments: No vegetation issues identified.

No Photos

Rating ** Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 37.254970° 37.254970° Item -120.718450 ° -120.718450° DWR ID DWR NA0010 34 t 2012 3

Action/Comments

Inspector Comments: No sedimentation or shoaling visible.

No Photos

LM Start	0.00	Rating **	М	Issue No.		4	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined		GPS La	titud	le/Longitude		
Calegory	Channels			Start		End	
Item	Erosion /	Bank Caving		37.25497	0 °	37.254970	0
пеш				-120.71845	0 °	-120.718450	0
DWR ID	DWR_NA0	010_34_t _ 201	2_4				
			_				

Action/Comments

Inspector Comments: Erosion at upstream left bank undermining an area of concrete revetment.





View of erosion at left bank on the upstream side of the structure. (2019)

Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		4 (cont)	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS La	tituc	le/Longitude	
Calegory	Channels			Start		End	
Item	Erosion /	Bank Caving		37.25497	o°	37.254970 °	
пеш				-120.71845	0 °	-120.718450 °	
DWR ID	DWR_NA0010_34_t _ 2012_4						
	Action/Comments						

Inspector Comments: Erosion at upstream left bank undermining an area of concrete revetment.

Photo 2 of 2:	S1_2020_NA	A0010_34_4_202	:00610_00005.j
1			
	A	Awa	a a
CVA-			

Close up of erosion at upstream left bank. (2018)

LM Start	0.00	Rating **	М	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Revetmer	nts		37.2549	70°	37.254970	0
пеш			-120.7184	50 °	-120.718450	0	
DWR ID	DWR_NA0	010_34_t _ 201	2_5				

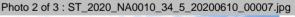
Action/Comments

Inspector Comments: Some minor revetment scouring on downstream side of structure was identified in previous inspections. Shadow of scour was visible during 2020 inspection.



Looking at minor revetment erosion on downstream side of structure. (2015)

LM Start	0.00	Rating **	M	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	





Looking at revetment on downstream side of structure. (2015)

Location LS : Land Side WS: Water Side CR : Crown

Rating

: Acceptable : Minimally Acceptable

N : Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		5 (cont)
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS La	tituc	le/Longitude	
Category	Channels			Start		End
Item	Revetmer	nts		37.25497	70 °	37.254970 °
item				-120.7184	50 °	-120.718450 °
DWR ID	DWR_NA0	WR_NA0010_34_t _ 2012_5				
		Action/	Comme	nts		

Inspector Comments: Some minor revetment scouring on downstream side of structure was identified in previous inspections. Shadow of scour was visible during 2020 inspection.

Photo 3 of 3: ST_2020_NA0010_34_5_20200716_00023.jpg



Erosion of the downstream revetment. (2020)

LM Start	0.00	Rating **	Α	Issue No.		6
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	titud	le/Longitude	
Calegory	Channels			Start		End
Item	Encroach	ments		37.25497	0 °	37.254970 °
item				-120.71845	0 °	-120.718450 °
DWR ID	DWR_NA0	010_34_t _ 201	2_6			
		A .:	<u> </u>			

Action/Comments

Inspector Comments: No encroachments identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Category Channels			Lined	GPS Latitude/Longitude			
Calegory	Channels			Start	Start End		
Item	Culverts:	Inlets / Outlets	3	37.25497) °	37.254970	٥
пеш				-120.71845	°	-120.718450	0
DWR ID	DWR_NA0	010_34_t _ 201	2_7				
		Action/	Comme	nts			

Inspector Comments: No debris blocking the culverts.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start End		End	
Item		Breaks / Hole	s/	37.2549	70 °	37.254970	0
пеш	Cracks			-120.7184	50 °	-120.718450	0
DWR ID	DWR_NA0	010_34_t _ 201	2_8				
		Action/	Comme	nts			

Inspector Comments: No visible damage to culverts.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 37.254970° 37.254970° Item -120.718450 ° -120.718450° DWR NA0010 34 t 2012 9 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 10 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 37.254970° 37.254970° Item -120.718450 ° -120.718450 ° DWR_NA0010_34_t _ 2012_10 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ma	Location *			
Category Changels			Lined	GPS Latitude/Longitude			
Calegory	Channels	Start		End			
Item	Flap Gate	:S		37.25497	o°	37.254970 °	
пеш				-120.71845	0 °	-120.718450 °	
DWR ID	DWR_NA0	010_34_t _ 201	2_11				
	Action/Comments						

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined		GPS Latitude/Longitude		le/Longitude			
Calegory	Channels			Start		End	
Item	Sluice/Sli	de Gates		37.25497	o °	37.254970	0
пеш				-120.71845	o°	-120.718450	0
DWR ID	DWR_NA0	010_34_t _ 201	2_12				

Action/Comments

Inspector Comments: Gate appear to be in good working condition.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	13	
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS La	atituc	le/Longitude	
Calegory	Channels		Start		End	
Item	Electric G	ate Operators	;	37.2549	70°	37.254970 °
item				-120.7184	50 °	-120.718450 °
DWR ID	DWR_NA0	010_34_t _ 201	2_13			
Action/Comments						

Inspector Comments: Electric gate appears to be properly maintained and is in good working condition.

Photo 1 of 2: ST_2020_NA0010_34_13_20200716_00027.jpg



View of the gate operator from the right. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		13 (cont)	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Electric G	ate Operators	3	37.2549	70 °	37.254970	0
item				-120.7184	50 °	-120.718450	0
DWR ID	DWR_NA0	010_34_t _ 201	2_13				
Action/Comments							

Inspector Comments: Electric gate appears to be properly maintained and is in good working condition.



Looking at gate operator on upstream side of structure. (2019)

LM Start	0.00	Rating **	N	Issue No.		14	٦
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	atitud	e/Longitude		
Calegory	Channels	Channels		Start		End	
Item	Manual G	ate Operators	;	37.2549	70°	37.254970	0
пеш				-120.7184	50 °	-120.718450	0
DWR ID	DWR_NA0	010_34_t _ 201	2_14				
	Action/Comments						

Inspector Comments: No manual gate operators on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ма	Location *			_
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels	Start			End		
Item	Concrete	Concrete Surfaces		37.2549	70 °	37.254970	0
пеш				-120.7184	50 °	-120.718450	0
DWR ID	DWR_NA0	010_34_t _ 201	2_15				
	Action/Comments						

Inspector Comments: Cracking on upper surface of downstream left wing wall.



Cracking on left wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown * Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Channels				Start		End	
Concrete Surfaces			37.25497	'0°	37.254970 °		
item				-120.71845	60°	-120.718450 °	
DWR ID	DWR_NA0010_34_t _ 2012_15						
Action/Comments							

Inspector Comments: Cracking on upper surface of downstream left wing wall.

Photo 2	of 2 : ST	_2020_NA	40010_3	34_15_20	200610_	00012.jpg
				ϵ		Weight.
	in as	-				
		有為關				
	WAS I					
	To get a					
						acut in
1000						1

Cracking on left wing wall. (2017)

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete Lined		GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Concrete Tilting / Settlement			37.2549	70°	37.254970	0
пеш				-120.7184	50 °	-120.718450	0
DWR ID	DWR_NA0010_34_t _ 2012_16						
Action/Comments							

Inspector Comments: No visible settlement identified.

Nο	Photos
110	1 110103

LM Start	0.00	Rating **	Α	Issue No.		17	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony		& Concrete Lined		GPS Latitude/Longitude			
Category	Channels			Start		End	
Concrete Foundations		37.2549	70 °	37.254970	0		
Item				-120.7184	50 °	-120.718450	0
DWR ID	DWR_NA0010_34_t _ 2012_17						
Action/Comments							

Inspector Comments: No visible erosion near foundation.

Photo 1 of 3: ST_2020_NA0010_34_17_20200610_00014.jpg



Looking at upstream side of structure.

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	17 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Concrete Foundations		37.254970 °		37.254970 °		
item				-120.718450 °		-120.718450 °
DWR ID DWR_NA0010_34_t _ 2012_17						
Action/Comments						
Inspector Comments: No visible erosion near foundation						

Inspector Comments: No visible erosion near foundation.





Looking at downstream side of structure.

Photo 3 of 3: ST_2020_NA0010_34_17_20200610_00016.jpg



Looking at left wing wall on upstream side of structure.

LM Start	0.00	Rating **	N	Issue No.		18
LM End	0.00	Issue Type +	Ма	Location *		
Catagony			& Concrete Lined			le/Longitude
Category	Channels					End
Item	Security F	encing	37.254970 °		37.254970	
пеш					50°	-120.718450
DWR ID	DWR_NA0	010_34_t _ 201	2_18			
		Action/	Comme	nts		
Inspector Comments: Item does not exist on this structure.						

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Closure S	Closure Structures		37.25497	° 0	37.254970 °	
пеш				-120.71845	50 °	-120.718450 °	
DWR ID	R ID DWR_NA0010_34_t _ 2012_19						
Action/Comments							

Inspector Comments: There is no closure structure on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 20 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 37.254970° 37.254970° Item -120.718450 ° -120.718450° DWR NA0010 34 t 2012 20 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 21 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 37.254970° 37.254970° Item -120.718450 ° -120.718450 ° DWR_NA0010_34_t _ 2012_21 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Monolith Joints		37.254970 °		37.254970 °	
item				-120.718450 °		-120.718450 °
DWR ID DWR_NA0010_34_t _ 2012_22						
Action/Comments						

Inspector Comments: Joint deterioration on the headwall joint is visible.



Joint deterioration on right headwall. (2019)

LM Start	0.00	Rating **	Α	Issue No.	23		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Safety			37.2549	70 °	37.254970 °	
пеш				-120.7184	50 °	-120.718450 °	
DWR ID DWR_NA0010_34_t _ 2012_23							
Action/Comments							

Inspector Comments: No visible hazards near the structure.



Handrails on the downstream side of the structure. (2020)

0.00	Rating **	Α	Issue No.	24		
0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude			
Channels		Start		End		
Operation & Maintenance Manual		37.2549	70 °	37.254970	0	
			-120.7184	50 °	-120.718450	0
DWR ID DWR_NA0010_34_t _ 2013_24						
Action/Comments						
)	tructures hannels peration lanual	tructures & Concrete I hannels peration & Maintenandanual WR_NA0010_34_t _ 201:	tructures & Concrete Lined hannels peration & Maintenance lanual WR_NA0010_34_t _ 2013_24	tructures & Concrete Lined hannels peration & Maintenance 37.2549 lanual -120.71848	tructures & Concrete Lined hannels peration & Maintenance 37.254970 or -120.718450 or -120.7184	tructures & Concrete Lined hannels Start End Peration & Maintenance 37.254970 Ianual -120.718450 WR_NA0010_34_t _ 2013_24

Inspector Comments: The manual is on file in the office.

No Photos

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Chowchilla Canal Bypass Control Structure	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Photo Do	cumentation		36.7740	21 °	36.774021	0
item				-120.2844	76 °	-120.284476	0
DWR ID	DWR ID DWR_NA0010_65_t _ 2017_1						
Action/Comments							

Inspector Comments: Structure appears to be properly maintained.

	1-7			W. And
4		(POMPN)		
	-			
	9		07-10	(0000)

Photo 1 of 3: ST_2020_NA0010_65_1_20200720_00011.jpg

View of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST_2020_NA0010_65_1_20200720_00010.jpg



View of the top of the structure from the left bank. (2020) Photo 3 of 3: ST_2020_NA0010_65_1_20200610_00003.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of upstream side of the structure. (2019)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Vegetatio	n & Obstruction	ons	36.77402	1 °	36.774021 °	
пеш				-120.28447	6°	-120.284476 °	
DWR ID	DWR_NA0	/R_NA0010_65_t _ 2017_2					
	Action/Comments						

Inspector Comments: No signs of vegetation or obstructions identified.

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 36.774021° 36.774021 ° Item -120.284476 ° -120.284476 ° DWR_NA0010_65_t _ 2017_3 DWR ID Action/Comments

Inspector Comments: No shoaling or sedimentation observed.

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 36.774021° 36.774021 ° Item -120.284476 ° -120.284476 ° DWR ID DWR_NA0010_65_t _ 2017_4 Action/Comments

Inspector Comments: No visible erosion near structure.

No Photos

No Photos

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Revetmer	nts		36.77402	1 °	36.774021 °	
пеш				-120.28447	6°	-120.284476 °	
DWR ID	DWR_NA0	010_65_t _ 2017_5					
	Action/Comments						

Inspector Comments: Revetments appear to be maintained and in good condition.

No Photos

Rating ** Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Encroachments 36.774021° 36.774021 ° Item -120.284476 ° -120.284476 ° DWR ID DWR_NA0010_65_t _ 2017_6

Action/Comments

Inspector Comments: No encroachments identified near structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Culverts:	Inlets / Outlets	S	36.77402	21 °	36.774021 °	
пеш				-120.28447	76 °	-120.284476 °	
DWR ID	R ID DWR_NA0010_65_t _ 2017_7						
Action/Comments							

Inspector Comments: No obstructions identified in inlets and outlets.

Photo 1 of 2: ST_2020_NA0010_65_7_20200720_00012.jpg



View of the structure outlets. (2020)

* Location
LS: Land Side
WS: Water Side
CR: Crown

* Rating
A : Accept

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	7 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Culverts:	Inlets / Outlets	S	36.77402	21 °	36.774021 °
пеш				-120.28447	76 °	-120.284476 °
DWR ID	DWR ID DWR_NA0010_65_t _ 2017_7					
Action/Comments						

Inspector Comments: No obstructions identified in inlets and outlets.



Typical view of the outlet. (2020)

LM Start	0.00	Rating **	Α	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels		Start		End		
ltom		Breaks / Hole	s /	36.7740	21 °	36.774021 °	
Item Cracks			-120.2844	76 °	-120.284476 °		
DWR ID DWR_NA0010_65_t _ 2017_8							
	Action/Comments						

Inspector Comments: No visible breaks/cracks/holes identified in the structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		9	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels			Start		End	
Item	Metal Pip	es		36.77402	1 °	36.774021 °	
пеш			-120.28447	6°	-120.284476 °		
DWR ID	DWR ID DWR_NA0010_65_t _ 2017_9						
Action/Comments							

Inspector Comments: No metal pipes on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *			
Cotogony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trash Rad	cks		36.77402	1 °	36.774021 °	
пеш				-120.28447	3°	-120.284476 °	
DWR ID	DWR_NA0010_65_t _ 2017_10						
	Action/Comments						

Inspector Comments: There are no trash racks on this structure.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 11 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 36.774021° 36.774021 ° Item -120.284476 ° -120.284476 ° DWR ID DWR NA0010 65 t 2017 11

Action/Comments

Inspector Comments: There are no flap gates on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS La	atitud	le/Longitude
Calegory	Channels			Start		End
Item	Sluice/Slic	de Gates		36.7740	21 °	36.774021 °
пеш					76 °	-120.284476 °
DWR ID	DWR_NA0010_65_t _ 2017_12					

Action/Comments

Inspector Comments: Gates are operable and appear to be well maintained.



Representative picture of the gates. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		13
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Category Structures & Concrete Lined Channels			GPS La	titud	le/Longitude
Calegory				Start		End
Item	Electric G	ate Operators	3	36.77402	21 °	36.774021 °
item				-120.28447	76 °	-120.284476 °
DWR ID DWR_NA0010_65_t _ 2017_13						
Action/Comments						

Inspector Comments: Electric gate operators appear to be in good working condition.

LM Start	0.00	Rating **	Α	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of electric gate operators. (2020)

Photo 2 of 2: ST_2020_NA0010_65_13_20200610_00007.jpg



Representative view of electric gate controls. (2019)

LM Start	0.00	Rating **	N	Issue No.		14
LM End	0.00	Issue Type +	Ма	Location *		
Category		s & Concrete I	Lined	GPS L	atitud	le/Longitude
Calegory	Channels		Start		End	
Item	Manual G	ate Operators	36.7740	21 °	36.774021	
пеш				-120.2844	76 °	-120.284476
DWR ID	DWR_NA0	010_65_t _ 201	7_14			
		Action/	Comme	nts		
Inspector Comments: No manual gate operators on this structure.						

No Photos

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels			Start		End	
Item	Concrete	Surfaces		36.77402	1 °	36.774021 °	
пеш			-120.28447	6 °	-120.284476 °		
DWR ID	ID DWR_NA0010_65_t _ 2017_15						
	Action/Comments						

Inspector Comments: No visible signs of damage to concrete.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Concrete	Tilting / Settle	ment	36.77402	21 °	36.774021	0
item			-120.28447	'6 °	-120.284476	0	
DWR ID	DWR_NA0	010_65_t _ 201	7_16				

Action/Comments

Inspector Comments: No signs of tilting or settlement near the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	17	
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined				GPS La	atituc	le/Longitude
Category	Channels			Start		End
Item	Concrete	Foundations		36.7740	21 °	36.774021 °
item				-120.2844	76 °	-120.284476 °
DWR ID	D DWR_NA0010_65_t _ 2017_17					
Action/Comments						

Inspector Comments: No scouring or undermining visible near the structure.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		18	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Security Fencing			36.77402	1 °	36.774021	0
пеш				-120.28447	3°	-120.284476	0
DWR ID DWR_NA0010_65_t _ 2017_18							
Action/Comments							

Inspector Comments: Safety security fencing appears to be in good condition with no signs of corrosion/damage.

Issue No. LM Start 0.00 Rating ** Ν 19 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 36.774021° 36.774021 ° Item -120.284476 ° -120.284476 ° DWR_NA0010_65_t _ 2017_19 DWR ID Action/Comments

Inspector Comments: This item does not exist on the structure.

Issue No. Rating ** LM Start 0.00 20 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 36.774021° 36.774021 ° Item -120.284476 ° -120.284476 ° DWR_NA0010_65_t _ 2017_20 DWR ID

Action/Comments Inspector Comments: There are no trash rakes on this structure. No Photos

No Photos

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

0.00	Rating **	Α	Issue No.		21				
0.00	Issue Type +	Ма	Location *						
Structures & Concrete Lined			Structures & Concrete Lined GPS La				ud	e/Longitude	
Channels			Start		End				
Other Metallic Items			36.774021	0	36.774021	0			
			-120.284476	٥	-120.284476	٥			
DWR ID DWR_NA0010_65_t _ 2017_21									
	0.00 Structures Channels Other Met	0.00 Issue Type + Structures & Concrete I Channels Other Metallic Items	0.00 Issue Type + Ma Structures & Concrete Lined Channels Other Metallic Items	0.00 Issue Type + Ma Location * Structures & Concrete Lined GPS Latit Channels Start Other Metallic Items 36.774021 -120.284476	0.00 Issue Type + Ma Location * Structures & Concrete Lined GPS Latitud Channels Other Metallic Items 36.774021 ° -120.284476 °	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels GPS Latitude/Longitude Start End Other Metallic Items 36.774021 ° 36.774021 -120.284476 ° -120.284476 -120.284476			

Action/Comments

Inspector Comments: No visible corrosion identified. Metal parts appear to be in good condition.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		22
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined GP			Structures & Concrete Lined			le/Longitude
Calegory	Channels Channels			Start		End
Item	Monolith Joints			36.77402	21 °	36.774021 °
пеш				-120.2844	76 °	-120.284476 °
DWR ID	DWR_NA0	010_65_t _ 201	7_22			

Action/Comments

Inspector Comments: Joint material is deteriorating, identified along the top on the roadway side of the structure and right wing wall. Recommend monitoring and repairing if the deterioration worsens.

Photo 1 of 3: ST_2020_NA0010_65_22_20200610_00008.jpg



Deterioration of joint material along top on roadway side of structure.

LM Start	0.00	Rating **	Α	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ма	Location *	

Photo 2 of 3: ST_2020_NA0010_65_22_20200720_00016.jpg



Minor deterioration of the left wing wall joint. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		22 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Structures & Concrete Lined Channels			Concrete Lined GPS Latitude/Longitude		
Calegory				Start		End
Item	Monolith Joints			36.7740	21 °	36.774021 °
пеш				-120.2844	76 °	-120.284476 °
DWR ID DWR_NA0010_65_t _ 2017_22						
Action/Comments						

Inspector Comments: Joint material is deteriorating, identified along the top on the roadway side of the structure and right wing wall. Recommend monitoring and repairing if the deterioration worsens.



Minor deterioration of joint on right wing wall. (2020)

LM Start	0.00	Rating **	Α	Issue No.		23
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Safety			36.7740	21 °	36.774021 °
пеш				-120.2844	76 °	-120.284476 °
DWR ID DWR_NA0010_65_t _ 2017_23						
Action/Comments						

Inspector Comments: No visible safety hazards identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		24			
LM End	0.00	Issue Type +	Ma	Location *					
Catagony	Category Structures & Concrete Lined Channels			Structures & Concrete Lined			GPS La	tituc	le/Longitude
Calegory				Start		End			
Item	Operation & Maintenance			36.77402	1 °	36.774021 °			
пеш	Manual			-120.28447	6 °	-120.284476 °			
DWR ID DWR_NA0010_65_t _ 2017_24									
	Action/Comments								

Inspector Comments: Operator manual on file in office.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Eastside Bypass Control Structure	

Structure Rating	Α
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			37.2048	67°	37.204867 °
item			-120.6969	85 °	-120.696985 °	
DWR ID	DWR_NA0	010_43_t _ 201	2_1			
		Action/	Comme	nts		

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the upstream side of the structure. (2020)

Photo 2 of 3: ST_2020_NA0010_43_1_20200717_00015.jpg



View of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View across the top of the structure from the left bank. (2019)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Itom	Vegetatio	Vegetation & Obstructions			67 °	37.204867 °	
Item				-120.6969	85 °	-120.696985 °	
DWR ID	DWR_NA0	010_43_t _ 201	2_2				
Action/Comments							

Inspector Comments: No visible vegetation issues.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 37.204867° 37.204867° Item -120.696985 ° -120.696985 ° DWR NA0010 43 t 2017 3 DWR ID

Action/Comments

Inspector Comments: No visible sedimentation.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 37.204867° 37.204867 Item -120.696985 ° -120.696985 ° DWR ID DWR_NA0010_43_t _ 2012_4 Action/Comments

Inspector Comments: No active erosion present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Revetments			37.20486	67 °	37.204867 °	
пеш				-120.69698	35 °	-120.696985 °	
DWR ID	DWR_NA0010_43_t _ 2019_5						
Action/Comments							

No Photos

LM Start	0.00	Rating **	М	Issue No.		6
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete I	Lined	GPS La	atituc	de/Longitude
Calegory	Channels			Start		End
Item	Encroach	ments		37.2048	67 °	37.204867 °
item				-120.6969	85 °	-120.696985 °
DWR ID	DWR_NA0	010_43_t _ 201	2_6			·

Action/Comments

Inspector Comments: Makeshift animal pen was put up on the top right side of the structure.

LM Start	0.00	Rating **	М	Issue No.	6 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the animal pen encroachment looking upstream. (2020)

Photo 2 of 2: ST_2020_NA0010_43_6_20200717_00018.jpg



View of animal pen from the right bank looking towards the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

onitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		7	Ī
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS La	atitud	e/Longitude	
				Start		End	
Item	Culverts:	Iverts: Inlets / Outlets			67 °	37.204867	0
				-120.6969	85 °	-120.696985	0
DWR ID	DWR_NA0	010_43_t _ 201	2_7				
		Action/	Comme	nts			

No Photos

LM Start	0.00	Rating **	Α	Issue No.		8		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Category Channels			Start End		End			
Culverts: Breaks / Holes /			s /	37.2048	67°	37.204867 °		
пеш	Item Cracks			-120.6969	85 °	-120.696985 °		
DWR ID	DWR_NA0010_43_t _ 2012_8							
Action/Comments								

No Photos

Inspector Comments: No visible problems at the culverts.

LM Start	0.00	Rating **	N	Issue No.		9	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Metal Pipes			37.20486	67 °	37.204867 °	
пеш				-120.69698	35 °	-120.696985 °	
DWR ID	DWR_NA0010_43_t _ 2012_9						
Action/Comments							
Inspector Comments: Item does not exist on this structure.							

No Photos

* Location LS : Land Side WS: Water Side CR : Crown

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels			Start		End
Item	Trash Rad	cks		37.20486	67°	37.204867 °
Item					85 °	-120.696985 °
DWR ID	DWR_NA0010_43_t _ 2012_10					
Action/Comments						

Inspector Comments: Item does not exist on this structure.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 11 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 37.204867° 37.204867° Item -120.696985 ° -120.696985 ° DWR NA0010 43 t 2012 11 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12
LM End	0.00	Issue Type +	Location *			
Category	Structures & Concrete Lined			ined GPS Latitude/L		
Calegory	Channels			Start		End
Item	Sluice/Sli	de Gates		37.20486	67 °	37.204867 °
item				-120.69698	35 °	-120.696985 °
DWR ID	DWR_NA0	010_43_t _ 201	2_12			

Action/Comments

Inspector Comments: Item appears to be adequately maintained and able to perform as intended. At least one grease fitting is not connected to hinge point on gate.

Photo 1 of 3: ST_2020_NA0010_43_12_20200717_00019.jpg



View of the control gates. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No. 12 (cont)		12 (cont)	
LM End	0.00	Issue Type +	Ma	Location *			
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude			
Category Channels				Start		End	
Item	Sluice/Sli	de Gates		37.20486	67 °	37.204867	0
item	n			-120.69698	35 °	-120.696985	0
DWR ID	DWR_NA0						
Action/Comments							

Inspector Comments: Item appears to be adequately maintained and able to perform as intended. At least one grease fitting is not connected to hinge point on gate.

LM Start	0.00	Rating **	Α	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Photo 2 of 3: ST_2020_NA0010_43_12_20200717_00020.jpg

Typical view of the radial gate. (2020)

Photo 3 of 3: ST_2020_NA0010_43_12_20200610_00006.jpg



View of grease point that is not connected. (2017)

LM Start	0.00	Rating ** A		Issue No.		13
LM End	0.00	Issue Type +	Issue Type + Ma			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Electric G	Electric Gate Operators			67°	37.204867 °
item			-120.69698	35 °	-120.696985 °	
DWR ID	DWR_NA0010_43_t _ 2012_13					

Action/Comments

Inspector Comments: Gate operators perform as intended and appear to be adequately maintained.



View of the electric gate motors. (2020)

* Location LS : Land Side WS : Water Side CR : Crown * Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Page 7 of 11

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	13 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	atituc	de/Longitude	
Category Channels			Start		End	
ltom	Electric G	ate Operators	3	37.2048	67 °	37.204867 °
пеш	Item			-120.6969	85 °	-120.696985 °
DWR ID	DWR_NA0010_43_t _ 2012_13					
Action/Comments						

Inspector Comments: Gate operators perform as intended and appear to be adequately maintained.



Photo 2 of 3: ST_2020_NA0010_43_13_20200610_00008.jpg

Typical view of electric gate controls. (2019)

LM Start	0.00	Rating **	Α	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3: ST_2020_NA0010_43_13_20200610_00009.jpg



View of control panel. (2018)

LM Start	0.00	Rating **	N	Issue No.		14	
LM End	0.00	Issue Type +	Ma	Location *			
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Manual Gate Operators			37.2048	67 °	37.204867	c
пеш					85 °	-120.696985	•
DWR ID	DWR_NA0	010_43_t _ 201	7_14				
Action/Comments							
Inspector (Comments	: Item does n	ot exist c	on this struc	ture	١.	

No Photos

A : Acceptable M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	15		
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels			Start		End	
Item	Concrete Surfaces			37.20486	7 °	37.204867 °	
пеш				-120.69698	5 °	-120.696985 °	
DWR ID	DWR_NA0010_43_t _ 2012_15						
	Action/Comments						

Inspector Comments: Item appears to be acceptably maintained.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	16				
LM End	0.00	Issue Type +	Ма	Location *					
Catagony		& Concrete I	Lined	GPS La	titud	le/Longitude			
Category	Channels		Start		End				
Itom	Concrete Tilting / Settlement			37.20486	67°	37.204867	0		
Item				-120.69698	35 °	-120.696985	0		
DWR ID	DWR_NA0010_43_t _ 2012_16								
	A - ti (C								

Action/Comments

Inspector Comments: No visible movement at or near structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No. 17		17
LM End	0.00	Issue Type +	Ma	Location *		
Category Channels			GPS Latitude/Longitude			
Calegory	Channels			Start		End
Item	Concrete	Foundations		37.20486	67°	37.204867 °
пеш				-120.69698	35 °	-120.696985 °
DWR ID	DWR_NA0	010_43_t _ 201	2_17			

Action/Comments

Inspector Comments: No visible erosion near foundation, unable to view full area due to water levels.

Photo 1 of 2: ST_2020_NA0010_43_17_20200610_00010.jpg



Looking at downstream side of structure. (2017)

* Location LS : Land Side WS : Water Side CR : Crown * Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	17 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Concrete Foundations			37.20486	67°	37.204867 °	
пеш				-120.69698	85 °	-120.696985 °	
DWR ID	DWR_NA0010_43_t _ 2012_17						
	Action/Comments						

Inspector Comments: No visible erosion near foundation, unable to view full area due to water levels.



Looking at typical of control structure bay. (2017)

LM Start	0.00	Rating **	Α	Issue No.		18	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Category				Start		End	
Item	Security F	encing		37.2048	67 °	37.204867 °	
item				-120.6969	85 °	-120.696985 °	
DWR ID	DWR_NA0	010_43_t _ 201	2_18				

Action/Comments

Inspector Comments: Security fencing around electrical house is in good condition.



View of fencing around the electrical housing. (2020)

LM Start	0.00	Rating **	Α	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Channels				Start		End	
Item	Closure Structures			37.2048	67°	37.204867	0
пеш				-120.6969	85 °	-120.696985	0
DWR ID	DWR_NA0010_43_t _ 2012_19						
	Action/Comments						

Inspector Comments: No visible problem with stoplogs on upstream side of structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	20		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Channels			Start		End		
ltom	Item Trash Rakes			37.20486	7°	37.204867 °	
пеш				-120.69698	5 °	-120.696985 °	
DWR ID	DWR_NA0010_43_t _ 2012_20						
		Action/	Commo	nte			

Inspector Comments: Item does not exist on this structure.

Rating ** Issue No. LM Start 0.00 Α 21 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Other Metallic Items 37.204867° 37.204867° Item -120.696985 ° -120.696985 ° DWR_NA0010_43_t _ 2012_21 DWR ID Action/Comments

Inspector Comments: Minor rust on control gates but does not impact function.

No Photos

No Photos

LM Start	0.00	Rating **	Α	Issue No.	22		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Channels			Start		End		
Item	Monolith Joints			37.2048	67°	37.204867	0
пеш		-120.6969	35 °	-120.696985	0		
DWR ID	DWR_NA0010_43_t _ 2012_22						
	Action/Comments						

Inspector Comments: Minor joint deterioration at wingwalls.

Photo 1 of 2: ST_2020_NA0010_43_22_20200717_00023.jpg



View of monolith joint at left wingwall. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W: Acceptable but Monitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		22 (cont)	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Channels			Start		End		
Item	Monolith Joints			37.20486	67°	37.204867 °	
пеш			-120.69698	85 °	-120.696985 °		
DWR ID DWR_NA0010_43_t _ 2012_22						·	
Action/Comments							

Inspector Comments: Minor joint deterioration at wingwalls.



View of monolith joint at right wingwall. (2019)

LM Start	0.00	Rating **	Α	Issue No.		23	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	titud	le/Longitude		
Category	Channels			Start		End	
Item	Safety			37.2048	67°	37.204867	0
пеш				-120.6969	85 °	-120.696985	0
DWR ID	DWR_NA0	010_43_t _ 201	2_23				
	Action/Comments						

Inspector Comments: No safety issues identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Structures & Concrete Lined			GPS Lati	tud	le/Longitude
Calegory	Category Channels		Start		End	
Item		Operation & Maintenance			, 0	37.204867 °
пеш	Manual				0	-120.696985 °
DWR ID DWR_NA0010_43_t _ 2013_24						
Action/Comments						

Inspector Comments: The O&M manual is on file in the office.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Eastside Bypass Drop Structure No. 1	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete I	Lined	GPS La	atitud	le/Longitude
Category	Channels			Start		End
Item	Photo Documentation			36.9756	66 °	36.975666
пеш				-120.3821	43 °	-120.382143
DWR ID DWR_NA0010_29_t _ 2012_1						
		Action/	Comme	nts		

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LMC	0.00	Iceua Tyna +	Ma	Location *	



Overview of the structure looking upstream. (2020)

Photo 2 of 4: ST_2020_NA0010_29_1_20200721_00016.jpg



View of the right wing wall. (2020)

Photo 3 of 4 : ST	2020	NIAAAAA	20 1	20200721	00018 ina
1 11010 3 01 4 . 31	2020		20 I	20200121	00010.100



View of the left wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown

** Rating

Rating **

Issue Type +

0.00

0.00

LM Start

LM End

Issue No.

Location *

Ма

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

1 (cont)

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

& Maintain En : Enforcement

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

ltem	LM Start	0.00	Rating **	N	Issue No.		1 (cont)
Category Channels Start End Item Photo Documentation 36.975666 ° 36.975666 ° 36.975666 ° -120.382143 ° -120.382143 -120.382143 ° -120.382143 DWR ID DWR_NA0010_29_t _ 2012_1 2012_1	LM End	0.00	Issue Type +	Ma	Location *		
Start End	Cotogony				GPS La	atituc	le/Longitude
ttem	Category	Channels			Start		End
-120.382143 -120.382143 -120.382143 DWR ID DWR_NA0010_29_t 2012_1	ltem	Photo Documentation			36.9756	66 °	36.975666
	пеш				-120.3821	43 °	-120.382143
Action/Comments	DWR ID	DWR_NA0	010_29_t _ 201	2_1			
			Action/	Comme	nts		



Overview of structure from the left bank. (2019)

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Vegetation & Obstructions			36.97566	66°	36.975666	
item				-120.38214	43 °	-120.382143	
DWR ID	DWR_NA0	2_2					
Action/Comments							

Inspector Comments: No visible vegetation issues were identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	3		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Shoaling / Sedimentation			36.97566	6 °	36.975666°	
пеш				-120.38214	3°	-120.382143 °	
DWR ID	DWR_NA0010_29_t _ 2012_3						
Action/Comments							

Inspector Comments: No sedimentation near structure observed.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		4
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels		GPS Latitude/Longitude				
				Start		End
Item	Erosion / Bank Caving			36.975666°		36.975666°
item				-120.382143 °		-120.382143 °
DWR ID	DWR_NA0010_29_t _ 2012_4					
Action/Comments						
Inchactor	Commonto	· Somo cavin	a on riah	t wing wall/	nort	h cido)

Inspector Comments: Some caving on right wing wall(north side)

Photo 1 of 3: ST_2020_NA0010_29_4_20200721_00019.jpg	g
A STATE OF THE STA	

View of erosion along the right wing wall. (2020)

LM Start	0.00	Rating **	М	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST_2020_NA0010_29_4_20200610_00004.jpg



View of erosion/caving on right wing wall. (2019) Photo 3 of 3: ST_2020_NA0010_29_4_20200610_00006.jpg

LM Start	0.00	Rating **	М	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Looking at erosion/caving on right wing wall on summer 2014.

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category		Start		End		
Revetments		36.9756	66°	36.975666 °			
Item				-120.3821	43 °	-120.382143 °	
DWR ID	DWR_NA0010_29_t _ 2012_5						
Action/Comments							

Inspector Comments: Revetment appears to be acceptably maintained.



View of revetment looking towards right wing wall. (2020)

LM Start	0.00	Rating **	Α	Issue No.	6		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Encroachments			36.97566	6°	36.975666	۰
item				-120.38214	3°	-120.382143	۰
DWR ID	DWR_NA0	010_29_t _ 201	2_6				
Action/Comments							

Action/Comments

Inspector Comments: No visible encroachments near structure.

LM Start	0.00	Rating **	N	Issue No.	7		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			Lined	GPS Latitude/Longitude			
				Start		End	
Item	Culverts: Inlets / Outlets			36.97566	6°	36.975666	0
item				-120.38214	3°	-120.382143	0
DWR ID	DWR_NA0						
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item		Breaks / Hole	s/	36.97566	6°	36.975666	0
пеш	Cracks			-120.38214	3°	-120.382143	0
DWR ID	DWR_NA0010_29_t _ 2012_8						
		A ation/	Camma	nto			

Action/Comments

Inspector Comments: Item does not exist on this structure.

LM Start	0.00	Rating **	N	Issue No.	9		
LM End	0.00	Issue Type +	Ma	Location *			
Cotogoni		s & Concrete I	Lined	GPS Lati	tuc	le/Longitude	
	Channels			Start		End	
Item	Metal Pipes			36.975666	s °	36.975666	٥
item				-120.382143	3°	-120.382143	٥
DWR ID	DWR_NA0	010_29_t _ 201	2_9				
			_				

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

No Photos

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Trash Rad	cks		36.97566	66 °	36.975666°	
пеш				-120.38214	13 °	-120.382143 °	
DWR ID	DWR_NA0	010_29_t _ 201	2_10				
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11			
LM End	0.00	Issue Type +	Ma	Location *				
Catagony	Structures & Concrete Lined				GPS Latitude/Longitude			
Channels			Start		End			
Item	Flap Gate	s		36.97566	66°	36.975666	0	
пеш				-120.38214	13 °	-120.382143	0	
DWR ID	DWR_NA0010_29_t _ 2012_11							
	Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 12 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Sluice/Slide Gates 36.975666° 36.975666° Item -120.382143 ° -120.382143 ° DWR_NA0010_29_t _ 2012_12 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 13 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start **Electric Gate Operators** 36.975666° 36.975666 Item -120.382143 ° -120.382143 ° DWR ID DWR_NA0010_29_t _ 2012_13 Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	14		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Manual G	ate Operators	i	36.975666	°	36.975666	0
пеш				-120.382143	°	-120.382143	0
DWR ID	DWR_NA0010_29_t _ 2012_14						
		A .: /	_				

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No. 15			
LM End	0.00	Ma	Location *				
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Concrete	Surfaces		36.9756	66 °	36.975666°	
item				-120.3821	43 °	-120.382143 °	
DWR ID	DWR NA0	010 29 t 201	2 15				

Action/Comments

Inspector Comments: Negligible small crack at head wall. Concrete just downstream of the energy dissipators is scouring. Recommend monitoring and repair if scour worsens.

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)
I M End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2 : ST_2020_NA0010_29_15_20200721_00021.jpg



Scour along the base concrete downstream of the dissipators. (2020)

Photo 2 of 2: ST_2020_NA0010_29_15_20200610_00011.jpg



Small crack at head wall. (2018)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected 4/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

ain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	16		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Concrete	Tilting / Settle	ment	36.97566	6°	36.975666	0
пеш				-120.38214	3°	-120.382143	0
DWR ID	DWR_NA0010_29_t _ 2012_16						
	Action/Comments						

Inspector Comments: No visible settlement near the structure.

No Photos

Issue No. LM Start 0.00 Rating ** Α 17 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 36.975666° 36.975666° Item -120.382143 ° -120.382143 ° DWR NA0010 29 t 2012 17 DWR ID

Action/Comments

Inspector Comments: No undermining of the structure is visible.

No Photos

Issue No. Rating ** LM Start 0.00 18 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Security Fencing 36.975666° 36.975666 Item -120.382143 ° -120.382143 ° DWR_NA0010_29_t _ 2017_18 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Linear Channels		Lined	GPS Latitude/Longitude				
			Start		End		
Closure Structures			36.97566	3°	36.975666	0	
пеш				-120.38214	3°	-120.382143	0
DWR ID	DWR_NA0	010_29_t _ 201	2_19				
		Action/	Comme	nts			

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 20 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 36.975666° 36.975666° Item -120.382143 ° -120.382143 ° DWR NA0010 29 t 2012 20 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 21 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 36.975666° 36.975666° Item -120.382143 ° -120.382143 ° DWR_NA0010_29_t _ 2012_21 DWR ID Action/Comments

Inspector Comments: No metalic parts at this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.	22		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitu			
Calegory				Start		End	
Item	Monolith Joints		36.97566	66°	36.975666°		
item					13 °	-120.382143 °	
DWR ID	DWR_NA0010_29_t _ 2012_22						
Action/Comments							

Inspector Comments: Gaskets along the wingwalls are deteriorating.



View of monolith joint at left wing wall. (2020)

LM Start	0.00	Rating **	Α	Issue No.	23		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
ltom	Safety			36.9756	66 °	36.975666	
пеш	Item			-120.3821	43 °	-120.382143	
DWR ID DWR_NA0010_29_t _ 2012_23							
Action/Comments							

Inspector Comments: No visible safety issues identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	24		
LM End	0.00	Issue Type +	Ma	Location *			
Catagony		s & Concrete I	Lined	GPS Lat	ituc	le/Longitude	
Calegory	Channels			Start End			
Item		& Maintenan	се	36.97566	6°	36.975666°	
пеш	Manual			-120.38214	3°	-120.382143 °	
DWR ID DWR_NA0010_29_t _ 2013_24							
Action/Comments							

Inspector Comments: The O&M manual is on file in the office.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Eastside Bypass Drop Structure No. 2	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Ν	Issue No.		1	
LM End	0.00	Issue Type +	Ма	Location *			
Category		& Concrete I	ete Lined GPS Latitude/Longitude				
Calegory	Channels			Start End			
ltem	Photo Documentation			36.9757	06 °	36.975706	
пеш				-120.374885 °		-120.374885	
DWR ID DWR_NA0010_30_t _ 2012_1							
		Action/	Comme	nts			

Photo 1 of 3: ST_2020_NA0010_30_1_20200720_00012.jpg
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW
pt 45-20a)

Overview of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST_2020_NA0010_30_1_20200720_00011.jpg



View of the right wing wall (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the left wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating
A : Accer

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures	GPS Latitude/Longitude					
Calegory	Channels			Start		End	
Item	Vegetatio	n & Obstruction	ons	36.97570)6 °	36.975706 °	
пеш				-120.37488	35 °	-120.374885 °	
DWR ID	DWR_NA0	010_30_t _ 201	2_2				
	Action/Comments						

Inspector Comments: No vegetation or obstructions were present.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 36.975706° 36.975706° Item -120.374885 ° -120.374885 ° DWR_NA0010_30_t _ 2012_3 DWR ID

Action/Comments

Inspector Comments: No sedimentation or shoaling present.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 36.975706° 36.975706 Item -120.374885 ° -120.374885 ° DWR ID DWR_NA0010_30_t _ 2012_4 Action/Comments

Inspector Comments: No visible erosion or caving present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Page 3 of 10

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

0.00	Rating **	Α	Issue No.	5		
0.00	Issue Type +	Ма	Location *			
Category Channels			GPS Latitude/Longitude			
Channels			Start		End	
Revetmen	nts		36.97570	6 °	36.975706	0
			-120.37488	5 °	-120.374885	0
DWR ID DWR_NA0010_30_t _ 2012_5						
Action/Comments						
	0.00 Structures Channels Revetmer	0.00 Issue Type + Structures & Concrete I Channels Revetments DWR_NA0010_30_t _ 201:	0.00 Issue Type + Ma Structures & Concrete Lined Channels Revetments DWR_NA0010_30_t2012_5	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels GPS Lat Start Start Revetments 36.97570 -120.37488 DWR_NA0010_30_t _ 2012_5	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels GPS Latitud Revetments 36.975706 ° -120.374885 °	0.00 Issue Type + Ma Location * Structures & Concrete Lined Channels GPS Latitude/Longitude Start End Revetments 36.975706 ° 36.975706 ° 120.374885 ° -120.374885 DWR_NA0010_30_t_2012_5

Inspector Comments: Revetment appears to be properly maintained.



Photo 1 of 2: ST_2020_NA0010_30_5_20200720_00014.jpg

View of the downstream revetment. (2020)

LM Start	0.00	Rating **	Α	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST_2020_NA0010_30_5_20200720_00015.jpg



View of revetment on upstream and downstream side of the structure.

							_
LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS La	atituc	de/Longitude	
Calegory	Channels	annels			Start		
Item	Encroach	Encroachments			06°	36.975706	0
пеш				-120.3748	85 °	-120.374885	c
DWR ID	DWR_NA0	010_30_t _ 201	2_6				
		Action/	Comme	nts			
Inspector (Comments	: No visible e	ncroachr	nents.			

No Photos

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS Lati	tud	le/Longitude	
Calegory	Channels	innels		Start		End	
Item	Culverts:	Inlets / Outlets	S	36.97570	°	36.975706	0
пеш				-120.37488	°	-120.374885	0
DWR ID	DWR_NA0	010_30_t _ 201	2_7				
			_				

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Breaks / Holes / 36.975706° 36.975706° Item Cracks -120.374885 ° -120.374885 ° DWR ID DWR_NA0010_30_t _ 2012_8

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Metal Pipes 36.975706° 36.975706° Item -120.374885 ° -120.374885 ° DWR_NA0010_30_t _ 2012_9 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		10	
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels	Channels		Start		End	
Item	Trash Rad	cks		36.97570	6°	36.975706°	
пеш				-120.37488	5°	-120.374885 °	
DWR ID	DWR_NA0	010_30_t _ 201	2_10				
	Action/Comments						

Inspector Comments: This item does not exist at this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		11	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Flap Gate	s		36.9757	06 °	36.975706 °	D
пеш			-120.3748	85 °	-120.374885 °	D	
DWR ID	DWR_NA0	010_30_t _ 201	2_11				

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		12	
LM End	0.00	Issue Type +	Ма	Location *			
Category		& Concrete I	GPS La	GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Sluice/Slic	de Gates		36.9757	06 °	36.975706	0
пеш				-120.3748	35 °	-120.374885	0
DWR ID	DWR_NA0	010_30_t _ 201	2_12				
		Action/	Comme	nts			

Inspector Comments: This item does not exist at this structure.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Electric G	ate Operators	3	36.97570	6°	36.975706 °	
пеш				-120.37488	5 °	-120.374885 °	
DWR ID	DWR_NA0	NA0010_30_t _ 2012_13					
	Action/Comments						

Inspector Comments: This item does not exist at this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		14	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined		GPS Lat	ituc	le/Longitude			
Calegory	Channels			Start		End	
Item	Manual G	ate Operators	;	36.97570	6°	36.975706	0
item				-120.37488	5 °	-120.374885	0
DWR ID	DWR_NA0	010_30_t _ 201	2_14				
			_				

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

LM Start	0.00	Rating **	М	Issue No.		15		
LM End	0.00	Issue Type +	Ma	Location *				
Catagory	Category Structures & Concrete Lined Channels		GPS Lati	tud	e/Longitude			
Calegory				Start		End		
Itom	Concrete	Surfaces		36.97570	3°	36.975706 °		
Item				-120.37488	5°	-120.374885 °		
DWR ID	DWR_NA0	010_30_t _ 201	2_15					
	A -ti/C							

Action/Comments

Inspector Comments: Damage to dissipator near right wing wall.

Photo 1 of 1: ST_2020_NA0010_30_15_20200720_00016.jpg



Dissipator near right wing wall is damaged. (2020)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	16			
LM End	0.00	Issue Type +	Ma	Location *		Location *		
Structures & Concrete Lined			GPS Latitude/Longitude					
Calegory	Channels	Channels			End			
Item	Concrete	Tilting / Settle	ment	36.97570	6°	36.975706°		
Item				-120.37488	5°	-120.374885 °		
DWR ID	DWR_NA0010_30_t _ 2012_16							
	Action/Comments							

Inspector Comments: No visible movement or settlement was present during inspection.

Issue No. LM Start 0.00 Rating ** Α 17 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 36.975706° 36.975706° Item -120.374885 ° -120.374885 ° DWR NA0010 30 t 2012 17 DWR ID

Action/Comments

Inspector Comments: No visible erosion or undermining near the structure identified.

Issue No. Rating ** LM Start 0.00 Ν 18 0.00 Issue Type + Ma Location * I M End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Security Fencing 36.975706° 36.975706 Item -120.374885 ° -120.374885 ° DWR ID DWR_NA0010_30_t _ 2012_18 Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

No Photos

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start		End		
Item	Closure S	tructures		36.97570	3°	36.975706	0
пеш				-120.37488	5 °	-120.374885	0
DWR ID	DWR_NA0	R_NA0010_30_t _ 2012_19					
	Action/Comments						

Inspector Comments: This item does not exist at this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 20 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 36.975706° 36.975706° Item -120.374885 ° -120.374885 ° DWR NA0010 30 t 2012 20 DWR ID

Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

Rating ** Issue No. LM Start 0.00 21 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 36.975706° 36.975706° Item -120.374885 ° -120.374885 ° DWR_NA0010_30_t _ 2012_21 DWR ID Action/Comments

Inspector Comments: This item does not exist at this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		22	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels			Start		End		
Itom	Monolith .	Joints		36.9757	06 °	36.975706	0
Item				-120.3748	85 °	-120.374885	0
DWR ID DWR_NA0010_30_t _ 2018_22							
Action/Comments							

Inspector Comments: Rubber seal deteriorated between the joints of structure.

LM Start	0.00	Rating **	М	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



Joint derterioration at left headwall. (2020)

Photo 2 of 2: ST_2020_NA0010_30_22_20200610_00009.jpg



Joint derterioration on left wing wall. (2019)

LM Start	0.00	Rating **	Α	Issue No.		23	
LM End	0.00	Issue Type +	Ма	Location *			
Category			& Concrete Lined			le/Longitude	
Calegory	Channels			Start		End	
Item	Safety					36.975706	
item				-120.3748	85 °	-120.374885	
DWR ID	DWR_NA0	010_30_t _ 201	2_23				
		Action/	Comme	nts			
Inspector (Comments	: No visible sa	afety haz	ards.			

No Photos

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS La	atitud	le/Longitude	
Calegory	Channels			Start		End
ltom	Operation & Maintenance Manual			36.975706°		36.975706 °
пеш				-120.374885 °		-120.374885 °
DWR ID	DWR_NA0	010_30_t _ 201	3_24			
		Action/	Comme	nts		
Inspector (Comments	: The O&M m	anual is	on file in th	e off	fice.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Fresno River Drainage Structure	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

Cotogoni	0.00	Issue Type +				-
Cotogoni		loodo i ypo i	Ма	Location *		
	Structures & Concrete Lined			GPS La	titud	le/Longitude
Category	Channels			Start		End
Item	Photo Doc	cumentation		36.9754	18 °	36.975418 °
item				-120.35957	78 °	-120.359578 °
DWR ID DWR_NA0010_39_t _ 2012_1						
		Action/	Commer	nts		

Photo 1 of 3 : ST_2020_NA0010_39_1_20200721_00012.jpg
4560
Amelian Desire
一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一

View of the control gates. (2020)

 LM Start
 0.00
 Rating **
 N
 Issue No.
 1 (cont)

 LM End
 0.00
 Issue Type +
 Ma
 Location *

Photo 2 of 3: ST_2020_NA0010_39_1_20200721_00013.jpg



View of the inlet side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the outlet side of the structure. (2020)

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected vW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

tor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined		GPS Latitude/Longitude		le/Longitude		
Calegory	Category Channels		Start		End		
Item	Vegetation & Obstructions		36.9754	18 °	36.975418	0	
пеш				-120.3595	78 °	-120.359578	0
DWR ID	DWR_NA0	010_39_t _ 201	7_2				

Action/Comments

Inspector Comments: No vegetation issues identified at the inlet or outlet of the structure.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 36.975418° 36.975418° Item -120.359578 ° -120.359578 ° DWR NA0010 39 t 2012 3 DWR ID

Action/Comments

Inspector Comments: No shoaling or sedimentation issues were visible during inspection.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 36.975418° 36.975418 Item -120.359578 ° -120.359578 ° DWR ID DWR_NA0010_39_t _ 2012_4 Action/Comments

Inspector Comments: No visible erosion identified during inspection.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM End 0.00 Issue Type + Ma Location * Category Structures & Concrete Lined Channels GPS Latitude/Longitude Start End Revetments 36.975418 ° 36.975418 ° -120.359578 ° -120.359578 ° DWR ID DWR_NA0010_39_t _ 2012_5	LM Start	0.00	Rating **	N	Issue No.		5	
Category Channels Start End Item Revetments 36.975418 ° 36.975418 ° -120.359578 ° -120.359578 °	LM End	0.00	Issue Type +	Ma	Location *			
Revetments Start End	Catagory	Structures & Concrete Lined		GPS Latitude/Longitude				
-120.359578 ° -120.359578 °	Calegory	Channels		Start		End		
-120.359578 ° -120.359578 °		Revetmer	nts		36.97541	8 °	36.975418	0
DWR ID DWR_NA0010_39_t _ 2012_5	item				-120.35957	8 °	-120.359578	0
	DWR ID	DWR_NA0	010_39_t _ 201	2_5				

Action/Comments

Inspector Comments: No revetment at this location.

No Photos

LM Start	0.00	Rating **	М	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels		Start		End		
Item	Encroach	ments		36.9754	18 °	36.975418 °	
пеш				-120.3595	78 °	-120.359578 °	
DWR ID	DWR_NA0	010_39_t _ 201	2_6				

Action/Comments

Inspector Comments: Wood planks used to prop open outlet flap gates.

A 1018	
	e e
	15 2020

Photo 1 of 2: ST_2020_NA0010_39_6_20200721_00015.jpg

Wood planks used to prop open the flap gates. (2020)

 LM Start
 0.00
 Rating **
 M
 Issue No.
 6 (cont)

 LM End
 0.00
 Issue Type +
 Ma
 Location *

Photo 2 of 2: ST_2020_NA0010_39_6_20200610_00004.jpg



Wood planks used to prop open flap gates. (2019)

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	. 7		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	atitud	le/Longitude		
Calegory	Channels Channels			Start		End	
Item	Culverts:	Inlets / Outlets	3	36.9754	18 °	36.975418	0
item				-120.3595	78 °	-120.359578	0
DWR ID DWR_NA0010_39_t _ 2012_7							
Action/Comments							

Inspector Comments: Culverts are clear of obstructions. Wood planks were used to prop open the flap gates (see issue 6).

LM Start	0.00	Rating **	Α	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of inlet side of structure. (2019)

Photo 2 of 2: ST_2020_NA0010_39_7_20200610_00006.jpg



View of outlet side of structure. Wood planks have been placed to propopen flap gates. (2019)

LM Start	0.00	Rating **	Α	Issue No. 8		8		
LM End	0.00	Issue Type +	Ma	Location *	ก *			
Category Structures & Concrete Lined Channels			GPS La	atitud	le/Longitude			
			Start		End			
Item		Breaks / Hole	s/	36.9754	18 °	36.975418		
пеш	Cracks			-120.3595	78 °	-120.359578		
DWR ID	DWR ID DWR_NA0010_39_t _ 2012_8							
Action/Comments								
Inspector Comments: No visible issues identified in the culverts.								

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		9	
LM End	0.00	Issue Type +	Ma	Location *			
Catagory	Category Structures & Concrete Lined Channels						le/Longitude
Calegory				Start		End	
Item	Metal Pip	es		36.97541	8 °	36.975418 °	
пеш	em			-120.35957	8 °	-120.359578 °	
DWR ID	DWR_NA0010_39_t _ 2012_9						
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.	10			
LM End	0.00	Issue Type +	Ма	Location *				
Category	Structures & Concrete Lined				tituc	le/Longitude		
Channels				Start		End		
Item	Trash Racks			36.97541	8 °	36.975418	0	
iteiii				-120.35957	'8 °	-120.359578	0	
DWR ID	DWR ID DWR_NA0010_39_t _ 2012_10							
Action/Comments								

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		11
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS La	tituc	le/Longitude
Calegory	Channels			Start		End
Item	Flap Gate	Flap Gates			8 °	36.975418 °
пеш	item		-120.35957	'8	-120.359578 °	
DWR ID	DWR_NA0	010_39_t _ 201	2_11			

Action/Comments

Inspector Comments: Flap gates have been propped open with wood planks.

Photo 1 of 1: ST_2020_NA0010_39_11_20200721_00016.jpg



View of flap gates at outlet of the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

& Maintain En : Enforcement

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

	Structure	Structure Length	Inspection Start/End	Inspector
Fres	no River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	12		
LM End	0.00	Issue Type +	Ma	Location *			
Cotogony	Structures & Concrete Lined			GPS Lat	titud	le/Longitude	
Calegory	Category Channels		Start		End		
Itom	Sluice/Slic	de Gates		36.97541	8 °	36.975418	٥
Item			-120.35957	8 °	-120.359578	0	
DWR ID	DWR_NA0010_39_t _ 2012_12						
Action/Comments							

Inspector Comments: Slide gates appear to be in good condition. Vegetation caught in slide gate should be cleared.

LM Start	0.00	Rating **	Α	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Typical view of slide gate. (2020)

Photo 2 of 2: ST_2020_NA0010_39_12_20200721_00018.jpg



Vegetation caught under the middle slide gate. (2020)

LM Start	0.00	Rating **	N	Issue No.		13	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS La	atituc	de/Longitude	
Calegory	Channels		Start		End		
Item	Electric Gate Operators			36.9754	18 °	36.975418	c
пеш					78 °	-120.359578	C
DWR ID	DWR_NA0	010_39_t _ 201	2_13				
Action/Comments							
Inspector (Comments	: Item does n	ot exist o	on this struc	cture).	

No Photos

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	0.00 Rating ** M				14	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			Lined	GPS Latitude/Longitude			
Category	Channels			Start		End	
Item	Manual Gate Operators		36.975418	3°	36.975418 °		
пеш				-120.359578	°	-120.359578 °	
DWR ID	DWR_NA0			·			
Action/Comments							

Inspector Comments: Missing wheel on two of four screw gates. One wheel handle is broken. Wheel handles could not be operated. Manual operator components should be greased and maintained.

LM Start	0.00	Rating **	М	Issue No.	14 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



View of the manual gate operators. (2020)

Photo 2 of 2: ST_2020_NA0010_39_14_20200610_00010.jpg



View of missing and broken wheel handles. (2018)

LM Start	0.00	Rating **	Α	Issue No.	15		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS La	tituc	de/Longitude	
Calegory				Start		End	
ltom	Concrete Surfaces			36.97541	8 °	36.975418	c
Item				-120.35957	'8 °	-120.359578	c
DWR ID	DWR_NA0	2_15					
Action/Comments							

Inspector Comments: No visible cracking on concrete surfaces.

No Photos

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected vW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

onitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	16		
LM End	0.00	Issue Type +	Ma	Location *			
Category Changels			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Concrete	Tilting / Settle	ment	36.975418	°	36.975418	
Item				-120.359578	°	-120.359578	
DWR ID	DWR_NA0	010_39_t _ 201	2_16				
	Action/Comments						

Inspector Comments: No visible tilting or settlement present at structure.

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 Α 17 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 36.975418° 36.975418° Item -120.359578 ° -120.359578 ° DWR_NA0010_39_t _ 2012_17 DWR ID

Action/Comments

Inspector Comments: No foundation problems were visible/identified.

LM Start	0.00	Rating **	N	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels	Start		End			
Item	Security Fencing			36.9754	18 °	36.975418	0
item				-120.3595	78 °	-120.359578	0
DWR ID	DWR_NA0010_39_t _ 2012_18						
		Action/	Comme	nts			

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Closure S	tructures		36.9754	18 °	36.975418 °	
пеш				-120.35957	78 °	-120.359578 °	
DWR ID	DWR_NA0010_39_t _ 2012_19						
	Action/Comments						

Inspector Comments: Item does not exist on this structure.

Issue No. LM Start 0.00 Rating ** Ν 20 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 36.975418° 36.975418° Item -120.359578 ° -120.359578 ° DWR NA0010 39 t 2012 20 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 21 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 36.975418° 36.975418° Item -120.359578 ° -120.359578 ° DWR_NA0010_39_t _ 2017_21 DWR ID Action/Comments

Inspector Comments: Minor corrosion seen on flap gates.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	22			
LM End	0.00	Issue Type +	Ma	Location *				
Category Changels				GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Monolith Joints			36.9754	18 °	36.975418	0	
пеш				-120.3595	78 °	-120.359578	0	
DWR ID	DWR_NA0010_39_t _ 2012_22							
Action/Comments								

Inspector Comments: No monolith joint problem was visible during the inspection.

No Photos

Issue No. LM Start 0.00 Rating ** Α 23 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Safety 36.975418° 36.975418° Item -120.359578 ° -120.359578 ° DWR NA0010 39 t 2012 23 DWR ID

Action/Comments

Inspector Comments: No safety issues were visible.

No Photos

Issue No. Rating ** LM Start 0.00 24 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Operation & Maintenance 36.975418° 36.975418° Item Manual -120.359578 ° -120.359578 ° DWR_NA0010_39_t _ 2013_24 DWR ID Action/Comments

Inspector Comments: The O&M manual is on file in the office.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure					
Mariposa Bypass Control Structure					

Structure Rating	Α
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels		Start		End			
Item	Photo Documentation		37.20153	8°	37.201538 °		
item				-120.69481	3°	-120.694813 °	
DWR ID DWR_NA0010_44_t _ 2012_1							
Action/Comments							

Inspector Comments: Item appears to be adequately maintained and able to perform as intended.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



Looking at the upstream side of the structure from the left bank. (2020)

Photo 2 of 3: ST_2020_NA0010_44_1_20200720_00017.jpg



View of the downstream side of the structure from the left bank. (2020)

Photo 3 of 3: ST_2020_NA0010_44_1_20200720_00015.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View across the top of the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Monitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	2			
LM End	0.00	Issue Type +	Ма	Location *				
Catagony	Structures & Concrete Lined		GPS Latitude/Longitud					
Category Channels			Start		End			
Item	Vegetatio	Vegetation & Obstructions		37.201538	°	37.201538	0	
item			-120.694813	°	-120.694813	0		
DWR ID	DWR_NA0	010_44_t _ 201	2_2					
	A - 1' 10 1 -							

Action/Comments

Rating **

Inspector Comments: No visible vegetation or obstructions impeding the flow.

LM End 0.00 Issue Type + Ma Location *

Structures & Concrete Lined GPS Latitude/Longitude Channels

Α

Issue No.

 Category
 Channels
 Start
 End

 Item
 Shoaling / Sedimentation
 37.201538 ° 37.201538 ° -120.694813 ° -120.694813 °

DWR ID DWR_NA0010_44_t _ 2012_3

0.00

LM Start

Action/Comments

Inspector Comments: No sedimentation build-up or shoaling near the structure.

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 37.201538° 37.201538 ° Item -120.694813 ° -120.694813 °

DWR ID DWR_NA0010_44_t _ 2012_4

Action/Comments

Inspector Comments: No visible erosion near the structure.

No Photos

No Photos

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Revetmer	Revetments		37.20153	88 °	37.201538 °	
пеш				-120.69481	3°	-120.694813 °	
DWR ID	DWR_NA0010_44_t _ 2012_5						
Action/Comments							

Inspector Comments: Revetments appear to be in proper condition.

No Photos

Rating ** Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Encroachments 37.201538° 37.201538° Item -120.694813 ° -120.694813 ° DWR ID DWR NA0010 44 t 2012 6

Action/Comments

Inspector Comments: No encroachments were found near the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	7		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Culverts:	Culverts: Inlets / Outlets		37.2015	38 °	37.201538 °	
пеш				-120.6948	13 °	-120.694813 °	
DWR ID	DWR ID DWR_NA0010_44_t _ 2012_7						
Action/Comments							

Inspector Comments: No debris blocking culverts.



Typical view of outlets. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Culverts: Breaks / Holes /			37.2015	38 °	37.201538	0
пеш	Cracks			-120.6948	13 °	-120.694813	0
DWR ID DWR_NA0010_44_t _ 2012_8							
Action/Comments							

Inspector Comments: No visible damage to culverts.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 37.201538° 37.201538° Item -120.694813 ° -120.694813 ° DWR NA0010 44 t 2012 9 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 10 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 37.201538° 37.201538 ° Item -120.694813 ° -120.694813 ° DWR_NA0010_44_t _ 2018_10 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Lat	itud	e/Longitude	
Calegory	Channels	Channels				End	
Item	Flap Gate	es .		37.20153	3°	37.201538	0
пеш					3°	-120.694813	0
DWR ID	R ID DWR_NA0010_44_t _ 2012_11						
			_				

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00 Rating ** A		Issue No.		12		
LM End	0.00 Issue Type + Ma		Location *				
Category	Structures & Concrete Lined Channels			GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Sluice/Slice	Sluice/Slide Gates			38 °	37.201538	0
item				-120.6948	13 °	-120.694813	0
DWR ID DWR_NA0010_44_t _ 2012_12							

Action/Comments

Inspector Comments: No visible damage, sediment or obstructions identified.

Photo 1 of 1 : ST_2020_NA0010_44_12_20200720_00019.jpg



View of the radial gates. (2020)

LM Start	0.00	Rating **	Α	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels	Channels				End
Item	Electric G	ate Operators	3	37.20153	8 °	37.201538 °
пеш	item			-120.69481	3°	-120.694813 °
DWR ID DWR_NA0010_44_t _ 2012_13						
Action/Comments						

Action/Comments

Inspector Comments: Electrical gates appear to be in proper working condition.



Typical view of electrical gates on upstream side of structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00 Rating ** A		Issue No.		13 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS La	tituc	le/Longitude
Calegory	Channels	Channels				End
Item	Electric G	ate Operators	3	37.20153	38 °	37.201538 °
item				-120.6948 ²	13 °	-120.694813 °
DWR ID	DWR ID DWR_NA0010_44_t _ 2012_13					·
Action/Comments						

Inspector Comments: Electrical gates appear to be in proper working condition.





View of electrical gate controls. (2019)

Photo 3 of 3: ST_2020_NA0010_44_13_20200610_00012.jpg



View of control panel. (2018)

LM Start	0.00	Rating **	N	Issue No.		14	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	atituc	de/Longitude		
Calegory	Category Channels			Start		End	
Item	Manual Gate Operators			37.2015	38 °	37.201538	c
item				-120.6948	13 °	-120.694813	c
DWR ID	DWR_NA0	010_44_t _ 201	3_14				
Action/Comments							
Inspector Comments: Item does not exist on this structure.							

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	0.00 Rating ** A				15	
LM End	0.00	Issue Type +	Ма	Location *	ก *		
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels	Channels				End	
Item	Concrete	Surfaces		37.2015	38 °	37.201538	0
item				-120.6948	13 °	-120.694813	0
DWR ID DWR_NA0010_44_t _ 2012_15							
Action/Comments							

Inspector Comments: Exposed rebar at expansion joint on upstream side of structure.



Exposed rebar at expansion joint on upstream side of structure. (2020)

LM Start	0.00 Rating ** A Issue No. 16				16		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	tituc	le/Longitude		
Category	Channels	Channels				End	
Item	Concrete	Tilting / Settle	ment	37.2015	38 °	37.201538 °	
пеш	item			-120.6948	13 °	-120.694813 °	
DWR ID DWR_NA0010_44_t _ 2012_16							
Action/Comments							

Action/Comments

Inspector Comments: No visible movement along the structure.

Nο	Photos
INO	L HOTO2

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Concrete Foundations			37.20153	38 °	37.201538	0	
пеш			-120.6948	13 °	-120.694813	0	
DWR ID	DWR_NA0010_44_t _ 2012_17						
Action/Comments							

Inspector Comments: No visible undermining near the structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Item	Security Fencing			37.20153	в°	37.201538	0
Item				-120.69481	3°	-120.694813	0
DWR ID	/R ID DWR_NA0010_44_t _ 2012_18						
Action/Comments							

Inspector Comments: Item does not exist on this structure.

 LM Start
 0.00
 Rating **
 N
 Issue No.
 19

 LM End
 0.00
 Issue Type +
 Ma
 Location *

 Structures & Concrete Lined Channels

GPS Latitude/Longitude

| Closure Structures | 37.201538 ° 37.201538 ° | -120.694813 ° | -120.694813 ° |

DWR ID DWR_NA0010_44_t _ 2012_19

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 20 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 37.201538° 37.201538 ° Item -120.694813 ° -120.694813 ° DWR_NA0010_44_t _ 2012_20 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	21	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Other Metallic Items			37.20153	8 °	37.201538 °
пеш	"			-120.69481	3°	-120.694813 °
DWR ID	R ID DWR_NA0010_44_t _ 2012_21					
Action/Comments						

Inspector Comments: No visible corrosion.

No Photos

Issue No. LM Start 0.00 Rating ** Α 22 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 37.201538° 37.201538° Item -120.694813 ° -120.694813 ° DWR NA0010 44 t 2012 22 DWR ID

Action/Comments

Inspector Comments: No visible joint deterioration identified.

No Photos

Issue No. Rating ** LM Start 0.00 23 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 37.201538° 37.201538° Item -120.694813 ° -120.694813 ° DWR_NA0010_44_t _ 2012_23 DWR ID Action/Comments

Inspector Comments: No safety hazards identified.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	24	
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS La	atitud	e/Longitude	
Calegory	Channels Channels			Start		End
Item	Operation & Maintenance			37.2015	38 °	37.201538 °
Manual			-120.694813 °		13 ° -120.694813	
DWR ID	DWR_NA0	010_44_t _ 201	3_24			
		Action/	Comme	nts		
Inspector Comments: The O&M manual is on file in the office.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Mariposa Bypass Drop Structure	

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Structures & Concrete Lined			ed GPS Latitude/Longitude		
Category Channels		Start		End		
Item	Photo Documentation			37.20179	3°	37.201796 °
item				-120.75526	2°	-120.755262 °
DWR ID	DWR_NA0010_31_t _ 2012_1					
Action/Comments						

Inspector Comments: Structure appears to be maintained and able to perform as intended.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
I M End	0.00	Issue Type +	Ma	Location *	



Looking at the upstream side of the structure from the left bank. (2020)

Photo 2 of 4: ST_2020_NA0010_31_1_20200720_00009.jpg



View of the downstream side of the structure from the left bank. (2020)

Photo 3 of 4: ST_2020_NA0010_31_1_20200720_00008.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the right wing wall. (2020)

Page 1 of 10

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

onitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure		Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Photo Do	cumentation		37.20179	6 °	37.201796 °	
пеш				-120.75526	2 °	-120.755262 °	
DWR ID	DWR_NA0010_31_t _ 2012_1					·	
	Action/Comments						

Inspector Comments: Structure appears to be maintained and able to perform as intended.



View of the left wing wall. (2020)

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category		Start		End		
Item	Vegetatio	n & Obstruction	ons	37.2017	96 °	37.201796	0
пеш				-120.7552	62 °	-120.755262	0
DWR ID	DWR_NA0	010_31_t _ 201	2_2				

Action/Comments

Inspector Comments: No vegetation or obstructions near the structure that would impede the flow.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	3		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS La	tituc	le/Longitude	
Category			Start		End		
Item	Shoaling /	/ Sedimentation	on	37.2017	96 °	37.201796 °	
пеш				-120.75520	62 °	-120.755262 °	
DWR ID	DWR_NA0010_31_t _ 2012_3						
	Action/Comments						

Inspector Comments: No sedimentation build-up or shoaling near the structure.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	4		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Lat	ituc	le/Longitude		
Calegory	Channels	Start End		End			
Item	Erosion /	Bank Caving		37.20179	6°	37.201796	0
пеш		-120.75526	2 °	-120.755262	0		
DWR ID	DWR_NA0010_31_t _ 2012_4						
		Action/	Comme	nts			

Inspector Comments: No erosion near the structure.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Revetments 37.201796° 37.201796° Item -120.755262 ° -120.755262 ° DWR ID DWR NA0010 31 t 2012 5

Action/Comments

Inspector Comments: Revetment appears to be in good condition.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Encroachments 37.201796° 37.201796 ° Item -120.755262 -120.755262 ° DWR ID DWR_NA0010_31_t _ 2012_6 Action/Comments

Inspector Comments: No visible encroachments near the structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	7		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS La	tituc	le/Longitude		
Calegory	Channels			Start		End	
Item	Culverts:	Inlets / Outlets	3	37.20179	96 °	37.201796 °	
пеш				-120.75526	62 °	-120.755262 °	
DWR ID	DWR_NA0010_31_t _ 2012_7						
	Action/Comments						

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ма	Location *			
Cotogoni		s & Concrete I	Lined	GPS Lat	itud	le/Longitude	
	Channels			Start		End	
Item		Breaks / Hole	s/	37.20179	6 °	37.201796	0
item	Cracks			-120.75526	2 °	-120.755262	0
DWR ID	DWR_NA0	010_31_t _ 201	2_8				
			_				

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.	9			
LM End	0.00	Issue Type +	Ma	Location *				
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude					
			Start		End			
Item	Metal Pipe	es		37.2017	96 °	37.201796°		
пеш				-120.75520	62 °	-120.755262 °		
DWR ID	DWR_NA0	010_31_t _ 201	2_9			·		
	Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ма	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
Calegory			Start		End		
Item	Trash Rad	cks		37.20179	6°	37.201796	0
пеш				-120.75526	2°	-120.755262	0
DWR ID	DWR_NA0010_31_t _ 2012_10						
	Action/Comments						

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 11 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 37.201796° 37.201796° Item -120.755262 ° -120.755262 ° DWR NA0010 31 t 2012 11 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 12 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Sluice/Slide Gates 37.201796° 37.201796 ° Item -120.755262 -120.755262 ° DWR ID DWR_NA0010_31_t _ 2012_12 Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Category Structures & Concrete Lined Channels			Structures & Concrete Lined GPS Latitude/Longitu			le/Longitude
Calegory				Start		End	
Item	Electric G	ate Operators	3	37.20179	3°	37.201796 °	
пеш					2°	-120.755262 °	
DWR ID	D DWR_NA0010_31_t _ 2012_13						
	Action/Comments						

Inspector Comments: Item does not exist on this structure.

Issue No. LM Start 0.00 Rating ** Ν 14 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Manual Gate Operators 37.201796° 37.201796° Item -120.755262 ° -120.755262 ° DWR NA0010 31 t 2012 14 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

Issue No. Rating ** LM Start 0.00 15 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Surfaces 37.201796° 37.201796 ° Item -120.755262 -120.755262 ° DWR ID DWR_NA0010_31_t _ 2012_15 Action/Comments

Inspector Comments: No visible damage to concrete surface.

No Photos

No Photos

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	16			
LM End	0.00	Issue Type +	Ма	Location *				
Structures & Concrete Lined GPS Latitude/			non/			le/Longitude		
Calegory	Category Channels			Start		End		
Item	Concrete	Tilting / Settle	ment	37.20179	3°	37.201796	0	
Item				-120.75526	2°	-120.755262	0	
DWR ID DWR_NA0010_31_t _ 2012_16								
	Action/Comments							

Inspector Comments: No tilting/settlement identified.

No Photos

Issue No. LM Start 0.00 Rating ** Α 17 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 37.201796° 37.201796° Item -120.755262 ° -120.755262 ° DWR NA0010 31 t 2012 17 DWR ID

Action/Comments

Inspector Comments: No visible undermining near the structure.

No Photos

Issue No. Rating ** LM Start 0.00 18 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Security Fencing 37.201796° 37.201796 ° Item -120.755262 -120.755262 ° DWR ID DWR_NA0010_31_t _ 2012_18 Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Closure S	tructures		37.20179	96 °	37.201796 °		
пеш				-120.75526	62 °	-120.755262 °		
DWR ID	DWR_NA0010_31_t _ 2012_19							
Action/Comments								

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 20 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 37.201796° 37.201796° Item -120.755262 ° -120.755262 ° DWR NA0010 31 t 2012 20 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 21 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 37.201796° 37.201796 ° Item -120.755262 -120.755262 ° DWR ID DWR_NA0010_31_t _ 2012_21 Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.		22	
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS La	atitud	e/Longitude		
			Start		End		
Item	Monolith .	Joints		37.2017	96 °	37.201796°	
item			-120.7552	62 °	-120.755262 °		
DWR ID DWR_NA0010_31_t _ 2012_22							
Action/Comments							

Inspector Comments: Joint gaskets are deteriorating and need to be repaired.

LM Start	0.00	Rating **	М	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the deteriorated joint at the left wing wall. (2020)

Photo 2 of 2: ST_2020_NA0010_31_22_20200610_00006.jpg



View of right sidewall joint deterioration. (2017)

LM Start	0.00	Rating **	Α	Issue No.		23			
LM End	0.00	Issue Type +	Ma	Location *					
Structures & Concrete Lined			GPS Latitude/Longitude						
Calegory	Channels			Start		End			
Itom	ltem Safety			37.201796 °		37.201796	0		
пеш				-120.7552	62 °	-120.755262	0		
DWR ID	DWR ID DWR_NA0010_31_t _ 2012_23								
Action/Comments									
Inspector Comments: No visible safety hazards.									

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *		
Category	& Concrete	GPS La	atituc	le/Longitude		
Calegory	Channels		Start		End	
Item	Operation	37.2017	96 °	37.201796 °		
пеш	Manual				62 °	-120.755262 °
DWR ID	DWR_NA0	010_31_t _ 201	3_24			
		Action/	Comme	nts		
Inspector	Comments	: The O&M m	anual is	on file in th	e of	fice.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Owens Creek Control Structure	

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude		
Category Channels			Start		End	
Itom	Item Photo Documentation			37.21963	7 °	37.219637 °
пеш				-120.69801	8 °	-120.698018 °
DWR ID DWR_NA0010_49_t _ 2018_1						
Action/Comments						

Inspector Comments: The control structure has structural defects at multiple locations. The LMA appears to have stabalized the strucure with external steel reinforcements (see photos throughout).

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



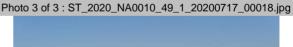
View of outlet side of the structure. (2020)

Photo 2 of 3: ST_2020_NA0010_49_1_20200717_00019.jpg



View of inlet side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ма	Location *	





View across the top of the structure. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Vegetation & Obstructions			37.21963	7 °	37.219637 °	
пеш				-120.69801	B °	-120.698018 °	
DWR ID DWR_NA0010_49_t _ 2012_2							
Action/Comments							

Inspector Comments: No visible vegetation or obstructions identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
				Start		End	
Item	Shoaling /	/ Sedimentation	on	37.219637	, 0	37.219637	0
item				-120.698018	°	-120.698018	0
DWR ID	DWR_NA0	010_49_t _ 201	2_3				
			_				

Action/Comments

Inspector Comments: No sedimentation or shoaling visible.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Erosion /	Erosion / Bank Caving		37.21963	87 °	37.219637 °	
пеш					8 °	-120.698018 °	
DWR ID	DWR_NA0	010_49_t _ 201	2_4				

Action/Comments

Inspector Comments: LMA brought in concrete revetment for the minor erosion at the left headwall.

Photo 1 of 2: ST_2020_NA0010_49_4_20200717_00021.jpg



Concrete revetment placed at the left headwall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	4 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels			Start		End
Item	Erosion /	Bank Caving		37.2196	37 °	37.219637 °
пеш	-			-120.6980	18 °	-120.698018 °
DWR ID DWR_NA0010_49_t _ 2012_4						
Action/Comments						

Inspector Comments: LMA brought in concrete revetment for the minor erosion at the left headwall.



View of left headwall, possible erosion on landside of wall. (2019)

LM Start	0.00	Rating **	Α	Issue No.	5				
LM End	0.00	Issue Type +	Ma	Location *					
Structures & Concrete Lined				GPS Latitude/Longitude					
Category Channels				Start		End			
ltom	Revetmer	nts		37.2196	37 °	37.219637	0		
Item				-120.6980	18 °	-120.698018	0		
DWR ID	DWR_NA0	010_49_t _ 201	2_5						
	Action/Comments								

Action/Comments

Inspector Comments: Revetment appears to be properly maintained.

Nο	Photos
110	1 110103

LM Start	0.00	Rating **	Α	Issue No.	6		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Encroach	ments		37.21963	37 °	37.219637 °	
пеш				-120.6980°	18 °	-120.698018 °	
DWR ID	DWR_NA0	010_49_t _ 201	2_6				
Action/Comments							

Inspector Comments: No encroachments visible.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	7			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined			GPS Latitude/Longitude					
Category	Channels			Start		End		
Item	Culverts:	Inlets / Outlets	3	37.21963	7 °	37.219637	0	
пеш				-120.69801	8 °	-120.698018	0	
DWR ID	DWR_NA0	010_49_t _ 201	2_7					
	Action/Comments							

Inspector Comments: No visible debris blocking the culverts.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Breaks / Holes / 37.219637° 37.219637° Item Cracks -120.698018 ° -120.698018 ° DWR ID DWR_NA0010_49_t _ 2017_8

Action/Comments

Inspector Comments: No visible damage to culverts.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Metal Pipes 37.219637° 37.219637 ° Item -120.698018 ° -120.698018 ° DWR_NA0010_49_t _ 2012_9 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Trash Rad	cks		37.21963	7 °	37.219637 °	
пеш				-120.69801	8 °	-120.698018 °	
DWR ID	DWR_NA0	010_49_t _ 201	2_10				
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 11 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Flap Gates 37.219637° 37.219637° Item -120.698018 ° -120.698018 ° DWR NA0010 49 t 2012 11 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 12 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Sluice/Slide Gates 37.219637° 37.219637 ° Item -120.698018 ° -120.698018 ° DWR_NA0010_49_t _ 2012_12 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Electric G	ate Operators	3	37.21963	7 °	37.219637 °	
пеш				-120.69801	8°	-120.698018 °	
DWR ID	DWR_NA0	010_49_t _ 201	2_13				
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		14		
LM End	0.00	Issue Type +	Ма	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Category Channels			Start		End			
Item	Manual G	ate Operators	;	37.21963	7 °	37.219637	0	
iteiii				-120.698018	°	-120.698018	0	
DWR ID	DWR_NA0	010_49_t _ 201	2_14					

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	М	Issue No.	15		_	
LM End	0.00	Issue Type +	Ma	Location *				
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels			Start		End			
Itom	Concrete	Concrete Surfaces		37.2196	37 °	37.219637	0	
Item			-120.6980	18 °	-120.698018	0		
DWR ID	DWR_NA0	010_49_t _ 201	2_15					

Action/Comments

Inspector Comments: Small cracking on left and right wing walls. LMA installed metal braces to stabilize the wing walls on the upstream and downstream sides of the structure.



Photo 1 of 4: ST_2020_NA0010_49_15_20200717_00022.jpg

Cracking on the right headwall of the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Ma Ob

+ Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.	ssue No. 15 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Concrete Surfaces			37.2196	37 °	37.219637	٥	
Item				-120.6980	18 °	-120.698018	0
DWR ID	DWR_NA0010_49_t _ 2012_15						
Action/Comments							

Inspector Comments: Small cracking on left and right wing walls. LMA installed metal braces to stabilize the wing walls on the upstream and downstream sides of the structure.

LM Start	0.00	Rating **	М	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



Cracking on the left headwall of the structure. (2020)

Photo 3 of 4: ST_2020_NA0010_49_15_20200610_00008.jpg



Looking at small crack on right wing wall on downstream side of structure. (2019)

LM Start	0.00	Rating **	М	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Looking at crack on left wing wall on downstream side of structure. (2019)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.	No. 16		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Concrete Tilting / Settlement		ment	37.21963	7 °	37.219637 °		
Item				-120.69801	8 °	-120.698018 °	
DWR ID	DWR_NA0	2_16					
Action/Comments							

Inspector Comments: Concrete tilting/settlement on upstream and downstream left wing walls has been stabilized by the LMA. Tilting is still visible but installed braces appear to be stabilizing the wingwalls.

Photo 1 of 5 : ST_2020_NA0010_49_16_20200717_00024.jpg
THE RESERVE THE PROPERTY OF THE PERSON OF TH

Looking at brace on left wing wall on downstream side of structure.
(2020)

LM Start	0.00	Rating **	М	Issue No.	16 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 5: ST_2020_NA0010_49_16_20200610_00013.jpg



Looking at brace on left wing wall on downstream side of structure. Summer 2012

LM Start	0.00	Rating **	М	Issue No.	16 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 5: ST_2020_NA0010_49_16_20200610_00014.jpg



Looking at braces on downstream right wing wall. (2018)

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No. 16 (cont)			
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Itom	Concrete Tilting / Settlement			37.21963	7 °	37.219637 °	
Item				-120.69801	8°	-120.698018 °	
DWR ID	DWR_NA0010_49_t _ 2012_16						
Action/Comments							

Inspector Comments: Concrete tilting/settlement on upstream and downstream left wing walls has been stabilized by the LMA. Tilting is still visible but installed braces appear to be stabilizing the wingwalls.

LM Start	0.00	Rating **	М	Issue No.	16 (cont)
I M End	0.00	Issue Type +	Ma	Location *	



Looking at upstream left wing wall. (2018)

Photo 5 of 5: ST_2020_NA0010_49_16_20200610_00016.jpg



Left wingwall tilting with braces in place. (2017)

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start En		End	
ltom	Item Concrete Foundations		37.2196	37 °	37.219637	0	
пеш			-120.6980	18 °	-120.698018	0	
DWR ID	DWR_NA0010_49_t _ 2012_17						
Action/Comments							

Inspector Comments: No visible undermining along the structure.

No Photos

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		18		
LM End	0.00	Issue Type +	Ма	Location *				
Category	Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels	Start		End				
Item	Security Fencing		37.21963	7 °	37.219637 °			
пеш			-120.69801	B °	-120.698018 °			
DWR ID	R ID DWR_NA0010_49_t _ 2012_18							
	Action/Comments							

Inspector Comments: Item does not exist on this structure.

ents. Item does not exist on this structure.

Issue No. LM Start 0.00 Rating ** Ν 19 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 37.219637° 37.219637° Item -120.698018 ° -120.698018 ° DWR_NA0010_49_t _ 2012_19 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 20 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 37.219637° 37.219637 ° Item -120.698018 ° -120.698018 ° DWR_NA0010_49_t _ 2012_20 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels	Start		End			
Item	Other Metallic Items			37.21963	7 °	37.219637 °	
пеш				-120.69801	8 °	-120.698018 °	
DWR ID DWR_NA0010_49_t _ 2012_21							
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Α 22 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 37.219637° 37.219637° Item -120.698018 ° -120.698018 ° DWR NA0010 49 t 2012 22 DWR ID

Action/Comments

Inspector Comments: No visible issues identified with joints.

No Photos

Issue No. Rating ** LM Start 0.00 23 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 37.219637° 37.219637° Item -120.698018 ° -120.698018 ° DWR_NA0010_49_t _ 2012_23 DWR ID Action/Comments

Inspector Comments: No visible safety hazards.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

11101	0.00	Rating **	Α	Issue No.		24
LM Start	0.00	Rating	А	issue ivo.		24
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Operation & Maintenance Manual			37.2196	37 °	37.219637 °
item				-120.6980	18 °	-120.698018 °
DWR ID	010_49_t _ 201	3_24				
Action/Comments						
Inspector Comments: The manual is on file in the office.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Owens Creek Overflow Structure	

Structure Rating	Α
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS La	titud	le/Longitude
Category	Channels			Start		End
Item	Photo Do	cumentation		37.2057	87 °	37.205787 °
пеш			-120.6968	38 °	-120.696838 °	
DWR ID DWR_NA0010_50_t _ 2012_1						
		Action/	Comme	nts		

Photo 1 of 3: ST_2020_NA0010_50_1_20200717_00011.jpg

View of upstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST_2020_NA0010_50_1_20200717_00013.jpg



View of downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Looking at upstream side of structure. (2015)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Item	Vegetatio	n & Obstruction	ons	37.20578	7 °	37.205787 °	
пеш				-120.69683	8 °	-120.696838 °	
DWR ID	DWR_NA0	010_50_t _ 201	2_2				
	Action/Comments						

Inspector Comments: No vegetation issues identified.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 37.205787° 37.205787° Item -120.696838 ° -120.696838 ° DWR NA0010 50 t 2012 3 DWR ID

Action/Comments

Inspector Comments: No sedimentation or shoaling identified near the structure.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 37.205787° 37.205787 ° Item -120.696838 ° -120.696838 ° DWR ID DWR_NA0010_50_t _ 2012_4 Action/Comments

Inspector Comments: No erosion was identified near the structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Catagony		& Concrete I	Lined	GPS Lat	ituc	le/Longitude	
Calegory	Category Channels			Start		End	
Item	Revetmer	nts		37.20578	7 °	37.205787 °	
пеш				-120.69683	B °	-120.696838 °	
DWR ID	DWR_NA0010_50_t _ 2012_5						
	Action/Comments						

Inspector Comments: Revetment appears to be in adequate condition.

No Photos

Rating ** Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Encroachments 37.205787° 37.205787° Item -120.696838 ° -120.696838 ° DWR ID DWR_NA0010_50_t _ 2012_6

Action/Comments

Inspector Comments: No encroachments near the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		7	_
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS La	titud	e/Longitude	
	Channels			Start		End	
Item	Culverts:	Inlets / Outlets	S	37.20578	37 °	37.205787	0
item				-120.69683	88°	-120.696838	٥
DWR ID	DWR_NA0	010_50_t _ 201	2_7				

Action/Comments

Inspector Comments: No damage or obstructions of the culverts observed.



Looking at outlets of the structure. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS La	titud	le/Longitude	
Calegory	Channels	Start		End			
Itom	Culverts: Breaks / Holes / Cracks			37.20578	37 °	37.205787	0
Item				-120.69683	38 °	-120.696838	0
DWR ID	DWR_NA0010_50_t _ 2012_8						
		A -4:	C	-4-			

Action/Comments

Inspector Comments: No visible damage to culverts.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 37.205787° 37.205787° Item -120.696838 ° -120.696838 ° DWR NA0010 50 t 2012 9 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 10 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 37.205787° 37.205787 ° Item -120.696838 ° -120.696838 ° DWR_NA0010_50_t _ 2012_10 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitud				
Calegory	Channels			Start		End	
Item	Flap Gate	es .		37.20578	7 °	37.205787	0
пеш				-120.69683	3°	-120.696838	0
DWR ID	DWR_NA0	010_50_t _ 201	2_11				
			_				

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
				Start		End
Item	Sluice/Slice	de Gates		37.2057	87 °	37.205787 °
item				-120.6968	38 °	-120.696838 °
DWR ID	DWR_NA0	010_50_t _ 201	2_12			

Action/Comments

Inspector Comments: No visible damage to slide gates identified. Previously identified rust and corrosion on the gates and bolts was not visible due to the current water level.





Looking at corrison on slide gates on upstream side of structure. (2015)

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ма	Location *			
Category		& Concrete I	_ined	GPS Lat	ituc	le/Longitude	
Calegory	Channels	Start		End			
Item	Electric G	ate Operators	;	37.20578	7 °	37.205787	0
пеш				-120.69683	8°	-120.696838	0
DWR ID	DWR_NA0	010_50_t _ 201	2_13				
		Action/	Commo	oto			

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	14	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Manual Gate Operators			37.20578	37 °	37.205787 °
Item			-120.69683	38 °	-120.696838 °	
DWR ID DWR_NA0010_50_t _ 2012_14						
Action/Comments						

Inspector Comments: Manual gates were in good working condition.



View of manual gate controls. (2020)

Photo 1 of 2: ST_2020_NA0010_50_15_20200610_00008.jpg

LM Start	0.00	Rating **	Α	Issue No.		15		
LM End	0.00	Issue Type +	Ma	Location *				
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels		Start		End			
Item	Concrete Surfaces			37.2057	87 °	37.205787		
item		-120.696838 °		-120.696838 °				
DWR ID DWR_NA0010_50_t _ 2012_15								

Action/Comments

Inspector Comments: Small crack was found on headwall, but the structure is not threatened.

The same	
	N 31 20 11
	157

Small cracking on the headwall. (2018)

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST_2020_NA0010_50_15_20200610_00009.jpg



Another view of the cracking on the headwall. (2018)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	16		
LM End	0.00	Issue Type +	Ма	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
				Start		End	
Item	Concrete Tilting / Settlement			37.20578	7 °	37.205787	0
Item			-120.69683	3°	-120.696838	0	
DWR ID DWR_NA0010_50_t _ 2012_16							
Action/Comments							

Inspector Comments: No visible movement.

No Photos

Issue No. LM Start 0.00 Rating ** Α 17 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 37.205787° 37.205787° Item -120.696838 ° -120.696838 ° DWR NA0010 50 t 2012 17 DWR ID

Action/Comments

Inspector Comments: No visible undermining along the structure.

No Photos

Issue No. Rating ** LM Start 0.00 18 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Security Fencing 37.205787° 37.205787 ° Item -120.696838 ° -120.696838 ° DWR_NA0010_50_t _ 2012_18 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Closure Structures			37.20578	7 °	37.205787 °	
пеш	item			-120.69683	3°	-120.696838 °	
DWR ID	D DWR_NA0010_50_t _ 2012_19						
Action/Comments							

Inspector Comments: Item does not exist on this structure.

Rating ** Issue No. LM Start 0.00 Ν 20 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 37.205787° 37.205787° Item -120.696838 ° -120.696838 °

DWR ID

Inspector Comments: Item does not exist on this structure.

DWR_NA0010_50_t _ 2012_20 Action/Comments

LM Start	0.00	Rating **	Α	Issue No.		21		
LM End	0.00	Issue Type +	Ma	Location *				
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels			Start		End			
Item	Other Metallic Items			37.205787 °		37.205787 °		
item		-120.696838 °		-120.696838 °				
DWR ID	DWR_NA0	010_50_t _ 201	2_21					

Action/Comments Inspector Comments: No visible corrosion.

No Photos

No Photos

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Monolith Joints			37.20578	7 °	37.205787 °
пеш				-120.69683	8 °	-120.696838 °
DWR ID	DWR_NA0	NA0010_50_t _ 2012_22				
Action/Comments						

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Α 23 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Safety 37.205787° 37.205787° Item -120.696838 ° -120.696838 ° DWR NA0010 50 t 2012 23 DWR ID

Action/Comments

Inspector Comments: No visible hazards.

No Photos

Issue No. Rating ** LM Start 0.00 24 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Operation & Maintenance 37.205787° 37.205787 ° Item Manual -120.696838 ° -120.696838 ° DWR_NA0010_50_t _ 2013_24 DWR ID Action/Comments

Inspector Comments: The O&M manual is on file in the office.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
San Joaquin River Bypass Control Structure	

Structure Rating	Α
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		1	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels	Channels				End	
Item	Photo Documentation		36.77329	92 °	36.773292 °		
item			-120.28520	06 °	-120.285206 °		
DWR ID	DWR_NA0010_64_t _ 2017_1						
Action/Comments							

Inspector Comments: Structure appears to be properly maintained.

Ma

Issue No.

Location 3

1 (cont)

Rating **

Issue Type +

Photo 1 of 3: ST_2020_NA0010_64_1_20200720_00010.jpg
A STATE OF THE STA
TO THE PARTY OF TH
人。

View of upstream side of the structure. (2020)

Photo 2 of 3: ST_2020_NA0010_64_1_20200720_00011.jpg



View of downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
I M End	0.00	Issue Type +	Ma	Location *	



View of top of the structure from right bank. (2019)

* Location LS: Land Side WS: Water Side CR: Crown

LM Start

LM End

0.00

0.00

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Monitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Item	Vegetation & Obstructions		36.77329	2°	36.773292 °		
пеш				-120.28520	3°	-120.285206 °	
DWR ID	DWR_NA0010_64_t _ 2017_2						
Action/Comments							

Inspector Comments: No vegetation or obstructions observed.

No Photos

Issue No. LM Start 0.00 Rating ** Μ Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 36.773292° 36.773292° Item -120.285206 ° -120.285206 ° DWR NA0010 64 t 2017 3 DWR ID

Action/Comments

Inspector Comments: There is shoaling just upstream of the structure.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 36.773292° 36.773292 Item -120.285206 ° -120.285206 ° DWR ID DWR_NA0010_64_t _ 2017_4 Action/Comments

Inspector Comments: No erosion or bank caving identified.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Itom	Revetments		36.7732	92 °	36.773292	0	
Item		-120.28520	06 °	-120.285206	0		
DWR ID	DWR_NA0010_64_t _ 2017_5						
Action/Comments							

Inspector Comments: Existing riprap appears to be in good condition.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Encroachments 36.773292° 36.773292° Item -120.285206 ° -120.285206 ° DWR NA0010 64 t 2017 6 DWR ID

Action/Comments

Inspector Comments: No encroachments visible near the structure.

No Photos

Issue No. Rating ** LM Start 0.00 7 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Inlets / Outlets 36.773292° 36.773292 Item -120.285206 ° -120.285206 ° DWR_NA0010_64_t _ 2017_7 DWR ID Action/Comments

Inspector Comments: Inlets and outlets are free from obstructions.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Lat	tuc	le/Longitude	
Calegory	Channels			Start		End	
Item		Breaks / Hole	s/	36.77329	2°	36.773292 °	
Item	Cracks			-120.28520	o °	-120.285206 °	
DWR ID	DWR_NA0010_64_t _ 2017_8						
Action/Comments							

Inspector Comments: No visible signs of damage in the structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.	9			
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined			GPS Lat	itud	e/Longitude		
Calegory	Channels	Start		End				
Item	Metal Pipe	es		36.77329	2°	36.773292	0	
item				-120.28520	o °	-120.285206	0	
DWR ID	DWR_NA0	010_64_t _ 201						
Action/Comments								

Inspector Comments: No metal pipes on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS La	tituc	le/Longitude	
Category	Channels			Start		End	
Item	Trash Racks			36.7732	92 °	36.773292 °	
пеш				-120.2852	06 °	-120.285206 °	
DWR ID DWR_NA0010_64_t _ 2017_10							
Action/Comments							

Inspector Comments: Trash racks appear to be in good condition.

Photo 1 of 1: ST_2020_NA0010_64_10_20200720_00012.jpg



View of trash racks. (2020)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11			
LM End	0.00	Issue Type +	Ма	Location *				
Catagory	Category Structures & Concrete Lined Channels			GPS Lati	tud	e/Longitude		
Calegory				Start		End		
Item	Flap Gate	Flap Gates			°	36.773292	0	
пеш				-120.285206	°	-120.285206	0	
DWR ID	DWR_NA0010_64_t _ 2017_11							
	A 11 10							

Action/Comments

Inspector Comments: This structure does not have flap gates.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
ltom	Item Sluice/Slide Gates			36.77329	2°	36.773292 °	
пеш				-120.28520	6°	-120.285206 °	
DWR ID	VR ID DWR_NA0010_64_t _ 2017_12						

Action/Comments

Inspector Comments: Gates are in good working condition.

07 15 202

Photo 1 of 2: ST_2020_NA0010_64_12_20200720_00013.jpg

View of the radial gates. (2020)

Photo 2 of 2: ST_2020_NA0010_64_12_20200720_00014.jpg

LM Start	0.00	Rating **	Α	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Typical view of the gates. (2020)

Location LS : Land Side WS: Water Side CR : Crown

* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

A/W: Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Structures & Concrete Lined				atitud	e/Longitude
Calegory	Channels Channels			Start		End
Item	Electric G	ate Operators	3	36.7732	92 °	36.773292 °
item			-120.2852	06 °	-120.285206 °	
DWR ID	DWR ID DWR_NA0010_64_t _ 2017_13					
Action/Comments						

Inspector Comments: Electric gate operators appear to be in good working condition.

LM Start	0.00	Rating **	Α	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the electric gate operators. (2020)

Photo 2 of 2: ST_2020_NA0010_64_13_20200610_00008.jpg



Representative view of electric gate controls. (2019)

							_
LM Start	0.00	Rating **	N	Issue No.		14	_
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS La	atituc	de/Longitude	
Calegory	Channels		Start		End		
Item	Manual G	ate Operators	36.7732	92 °	36.773292	c	
пеш						-120.285206	c
DWR ID	DWR_NA0	010_64_t _ 201	7_14		,		_
		Action/	Comme	nts			
Inspector structure.	Comments	: Manual gate	operato	ers do not ex	kist	on this	

No Photos

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	15	
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS Lat	tuc	le/Longitude	
Category			Start		End	
Item	Concrete	Surfaces		36.77329	2°	36.773292 °
пеш				-120.28520	o °	-120.285206 °
DWR ID	DWR_NA0	.0010_64_t _ 2017_15				
	Action/Comments					

Inspector Comments: No visible signs of damage to concrete surfaces.

No Photos

Issue No. LM Start 0.00 Rating ** Α 16 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 36.773292° 36.773292° Item -120.285206 ° -120.285206 ° DWR NA0010 64 t 2017 16 DWR ID

Action/Comments

Inspector Comments: No visible signs of tilting/settlement of the structure.

No Photos

Issue No. Rating ** LM Start 0.00 17 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Foundations 36.773292° 36.773292 Item -120.285206 ° -120.285206 ° DWR_NA0010_64_t _ 2017 17 DWR ID Action/Comments

Inspector Comments: No visible signs of undermining at the structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	18			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Category	Channels			Start		End		
Item	Security F	encing		36.77329	2 °	36.773292 °		
пеш						-120.285206 °		
DWR ID	DWR_NA0	.0010_64_t _ 2017_18						
	Action/Comments							

Inspector Comments: Safety and security fencing is in good condition and adequate for structure.

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	titud	le/Longitude		
Calegory	Category Channels			Start		End	
Item	Closure S	tructures		36.77329	2 °	36.773292	0
item				-120.285206 °		-120.285206	0
DWR ID	DWR_NA0	010_64_t _ 201	7_19				
			<u></u>				

Action/Comments

Inspector Comments: There are no closure structures at this site.

No Photos

No Photos

Rating ** Issue No. LM Start 0.00 20 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 36.773292° 36.773292° Item -120.285206 -120.285206 ° DWR_NA0010_64_t _ 2017_20 DWR ID Action/Comments

Inspector Comments: This structure does not have trash rakes.

No Photos

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	21		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels		Start		End		
Item	Other Met	tallic Items		36.77329	2°	36.773292	0
пеш				-120.28520	6°	-120.285206	0
DWR ID	DWR_NA0	010_64_t _ 201	7_21				
			_				

Action/Comments

Inspector Comments: No visible corrosion present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		22	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels			Start		End	
Item	Monolith .	Joints		36.7732	92 °	36.773292 °	
пеш				-120.2852	06 °	-120.285206 °	
DWR ID	DWR_NA0	010_64_t _ 201	7_22				

Action/Comments

Inspector Comments: Noted deterioration of the expansion joint on the downstream side of the roadway. Recommend monitoring and repairing if the deterioration worsens.

Photo 1 of 1: ST_2020_NA0010_64_22_20200720_00016.jpg



View of expansion joint on the downstream side of the top roadway. (2020)

LM Start	0.00	Rating **	Α	Issue No.	23		
LM End	0.00	Issue Type +	Ма	Location *			
Category Changele			GPS Latitude/Longitude				
Channels			Start		End		
Item	Safety			36.77329	2 °	36.773292 °	
пеш				-120.28520	6 °	-120.285206 °	
DWR ID	DWR ID DWR_NA0010_64_t _ 2017_23						
	Action/Comments						

Inspector Comments: No visible signs of safety issues identified.

No Photos

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ма	Location *		
Category		& Concrete I	Lined	GPS La	titud	le/Longitude
Calegory	Channels			Start		End
Item		& Maintenan	ce	36.7732	92 °	36.773292 °
пеш	Manual			-120.28520	06 °	-120.285206 °
DWR ID	DWR_NA0	010_64_t _ 201	7_24			
		Action/	Comme	nts		
Inspector (Comments	: The manual	is on file	in the offic	e.	

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
San Joaquin River Struc	ure

Structure Rating	М
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

Cotogony	0.00	Issue Type +				
Cotogon	ata		Ма	Location *		
Calegory Ch		& Concrete I	Lined	GPS Latitude/Longitude		
_	Channels			Start		End
Ph Item	oto Doc	cumentation		37.11236	° 08	37.112360 °
item				-120.58959	98 °	-120.589598 °
DWR ID DW	VR_NA00	010_66_t _ 201	7_1			
		Action/	Commer	nts		

			-120.589598	-120.589598 °
	DWR ID	DWR_NA0010_66_t _ 2017_1		
		Action/Comme	nts	
L				

Photo 1 of 2: ST_2020_NA0010_66_1_20200720_00014.jpg

View of the upstream side of the structure. (2020)

LM Start 0.00 Rating ** Issue No. 1 (cont) Location 3 LM End 0.00 Issue Type + Ma

Photo 2 of 2: ST_2020_NA0010_66_1_20200720_00013.jpg



View of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	М	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels		Concrete Lined		ituc	le/Longitude
Calegory				Start		End
Item	Vegetatio	n & Obstruction	ons	37.11236	0 °	37.112360 °
пеш				-120.58959	8 °	-120.589598 °
DWR ID	DWR_NA0	010_66_t _ 201	7_2			·

Action/Comments Inspector Comments: Vegetation growing at the downstream side of structure.



Trees growing over the downstream side of the structure. (2020)

Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.		3
LM End	0.00	Issue Type +	Ма	Location *		
Category	Structures & Concrete Lined Channels			GPS Lat	tuc	le/Longitude
Calegory				Start		End
Item	Shoaling /	Shoaling / Sedimentation		37.11236	o°	37.112360 °
пеш				-120.58959	3°	-120.589598 °
DWR ID	DWR_NA0	010_66_t _ 201	7_3			
Action/Comments						

Inspector Comments: Sedimentation blocking inlet and function of slide gates.



Inlet gates buried under sedimentation. (2019)

LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Erosion /	Bank Caving		37.11236	60°	37.112360 °	
пеш				-120.58959	98 °	-120.589598 °	
DWR ID	DWR_NA0	010_66_t _ 201	7_4				

Action/Comments

Inspector Comments: No visible erosion or bank caving identified at the structure.

Nο	Photos
110	1 110103

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS Lat	ituc	le/Longitude	
Calegory	Channels			Start		End	
Item	Revetmer	nts		37.11236	0 °	37.112360	٥
пеш				-120.58959	8 °	-120.589598	۰
DWR ID	DWR_NA0	010_66_t _ 201	7_5				

Action/Comments

Inspector Comments: Unable to determine if existing revetment is adequate due to heavy vegetation (addressed in issue 2) and sedimentation (addressed in issue 3).

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	6		
LM End	0.00	Issue Type +	Ма	Location *			
Catagory	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels		Start		End		
Item	Encroachments			37.11236	°	37.112360	0
пеш				-120.589598	3°	-120.589598	0
DWR ID	DWR_NA0	010_66_t _ 201	7_6				
			_				

Action/Comments

Inspector Comments: No enchroachments identified at the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channel				Start		End	
Item	Culverts:	Inlets / Outlets	S	37.11236	0 °	37.112360	0
item				-120.58959	8 °	-120.589598	0
DWR ID	DWR_NA0	010_66_t _ 201	7_7				

Action/Comments

Inspector Comments: Culverts are in good condition but there is sedimentation built up above the inlets/slide gates see issue 3.

LM Start	0.00	Rating **	Α	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2: ST_2020_NA0010_66_7_20200720_00016.jpg



View of culvert outlet. (2020)

Photo 2 of 2: ST_2020_NA0010_66_7_20200610_00007.jpg



Sedimentation built up above slide gate. (2019)

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	8		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels		Start		End			
Item		Breaks / Hole	s /	37.112360	°	37.112360	٥
пеш	Cracks			-120.589598	°	-120.589598	0
DWR ID	DWR ID DWR_NA0010_66_t _ 2017_8						
Action/Comments							

Inspector Comments: No visible issus identified for the culverts.

No Photos

Issue No. LM Start 0.00 Rating ** Ν Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 37.112360° 37.112360° Item -120.589598 ° -120.589598 ° DWR NA0010 66 t 2017 9 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 10 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 37.112360° 37.112360 ° Item -120.589598 ° -120.589598 ° DWR_NA0010_66_t _ 2017_10 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11			
LM End	0.00	Issue Type +	Ма	Location *				
Catagory	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Flap Gate	es .		37.112360	°	37.112360	0	
пеш				-120.589598	°	-120.589598	0	
DWR ID	DWR_NA0	010_66_t _ 201	7_11					
A .: 10								

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	М	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels		Start		End		
Item	Sluice/Slice	de Gates		37.1123	60°	37.112360 °	
nem			-120.5895	98 °	-120.589598 °		
DWR ID	DWR_NA0	010_66_t _ 201	7_12				

Action/Comments

Inspector Comments: Sedimentation on the inlet side of the structure impacts the function of slide gates.

Photo 1 of 2: ST_2020_NA0010_66_12_20200610_00009.jpg
08 01 2019

View of slide gate with sedimetation. (2019)

LM Start	0.00	Rating **	М	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST_2020_NA0010_66_12_20200610_00010.jpg



View of slide gate with sedimentation. (2017)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Electric G	ate Operators	3	37.11236	° 08	37.112360 °
пеш				-120.58959	98 °	-120.589598 °
DWR ID	DWR_NA0010_66_t _ 2017_13					
Action/Comments						

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		14
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Manual G	ate Operators	i	37.1123	60°	37.112360 °
пеш				-120.5895	98 °	-120.589598 °
DWR ID	DWR_NA0	010_66_t _ 201	7_14			

Action/Comments

Inspector Comments: All manual gates operators appear to be in proper working condition. District caps off manual operation stem to secure gates.

LM Start	0.00	Rating **	Α	Issue No.	14 (cont)
I M End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2: ST_2020_NA0010_66_14_20200720_00018.jpg



View of the manual gate operators. (2020)

Photo 2 of 2: ST_2020_NA0010_66_14_20200720_00017.jpg



Typical view of the manual gate operators. (2020)

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Concrete	Surfaces		37.1123	60°	37.112360 °	
пеш				-120.5895	98 °	-120.589598 °	
DWR ID DWR_NA0010_66_t _ 2017_15							
		Action/	Comme	nts			

Inspector Comments: Damage to the left inlet joint resulting in exposed rebar.



View of cracking at the joint on the left inlet side. (2020)

LM Start	0.00	Rating **	Α	Issue No.		16
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete I	_ined	GPS La	le/Longitude	
Calegory	Channels			Start		End
Item	Concrete	Concrete Tilting / Settlement			60°	37.112360 °
пеш				-120.5895	98 °	-120.589598 °
DWR ID	DWR_NA0010_66_t _ 2017_16					
Action/Comments						

Inspector Comments: No movement of the structure identified.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		17	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Concrete	Foundations		37.11236	0°	37.112360 °	
пеш				-120.58959	8 °	-120.589598 °	
DWR ID	DWR_NA0010_66_t _ 2017_17						
	Action/Comments						

Inspector Comments: No visible erosion or undermining identified.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		18	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Security F	encing		37.11236	0 °	37.112360 °	
пеш				-120.58959	8 °	-120.589598 °	
DWR ID	DWR_NA0	IA0010_66_t _ 2017_18					
		Action/	Comme	nts			

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 19 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 37.112360° 37.112360° Item -120.589598 ° -120.589598 ° DWR_NA0010_66_t _ 2017_19 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 20 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 37.112360° 37.112360° Item -120.589598 ° -120.589598 ° DWR_NA0010_66_t _ 2017_20 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Other Me	tallic Items		37.11236	0 °	37.112360 °	
пеш				-120.58959	8 °	-120.589598 °	
DWR ID	DWR_NA0	NA0010_66_t _ 2017_21					
		Action/	Comme	nts			

Inspector Comments: No visible corrosion identified.

No Photos

Issue No. LM Start 0.00 Rating ** Α 22 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 37.112360° 37.112360° Item -120.589598 ° -120.589598 ° DWR NA0010 66 t 2017 22 DWR ID Action/Comments

Inspector Comments: No visible issues identified for the joints.

No Photos

Issue No. Rating ** LM Start 0.00 23 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 37.112360° 37.112360° Item -120.589598 ° -120.589598 ° DWR_NA0010_66_t _ 2017_23 DWR ID Action/Comments

Inspector Comments: No safety issues identified.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete	Lined	GPS La	atitud	le/Longitude
Calegory	Channels			Start		End
Item		& Maintenan	ce	37.1123	60°	37.112360 °
item	Manual			-120.589598 °		-120.589598 °
DWR ID	DWR_NA0	010_66_t _ 201	7_24			
		Action/	Comme	nts		
Inspector (Comments	: The manual	is on file	in the offic	e.	

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure	
Sand Slough Structure	

Structure Rating	М
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

NA0010

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS La	atitud	le/Longitude
Calegory	Channels			Start		End
Photo Documentation			37.1123	13 °	37.112313 °	
item				-120.5884	.58 °	-120.588458 °
DWR ID	DWR_NA0	010_67_t _ 201	7_1			
		Action/	Comme	nts		

Photo 1 of 3: ST_2020_NA0010_67_1_20200720_00007.jpg
Annahir and the state of the st
THE PROPERTY OF THE PARTY OF TH
and the second section of the section

View of the downstream side of the structure. (2020)

 LM Start
 0.00
 Rating **
 N
 Issue No.
 1 (cont)

 LM End
 0.00
 Issue Type +
 Ma
 Location *

Photo 2 of 3: ST_2020_NA0010_67_1_20200720_00006.jpg



View across the structure from the left bank. (2020)

Photo 3 of 3: ST_2020_NA0010_67_1_20200720_00008.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View across the structure from the right bank. (2020)

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Vegetation & Obstructions		37.11231	3°	37.112313	0	
пеш			-120.58845	8 °	-120.588458	0	
DWR ID DWR_NA0010_67_t _ 2017_2							
	A ation /Commonto						

Action/Comments

Inspector Comments: No visibile vegetation or obstructions identified.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 37.112313 ° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR_NA0010_67_t _ 2017_3 DWR ID

Action/Comments

Inspector Comments: No visible sedimentation or shoaling at the structure.

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ma Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 37.112313° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR ID DWR_NA0010_67_t _ 2017_4 Action/Comments

Inspector Comments: No visible erosion identified at the structure.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ма	Location *			
Catagory	Structures & Concrete Lined		d GPS Latitude/Lo		e/Longitude		
Calegory	Category Channels		Start		End		
Item	Revetments		37.11231	3°	37.112313	0	
пеш				-120.58845	3°	-120.588458	0
DWR ID	DWR_NA0	010_67_t _ 201	7_5				

Action/Comments

Inspector Comments: Existing revetment appears to be properly maintained.

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Encroachments 37.112313 ° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR_NA0010_67_t _ 2017_6 DWR ID

Action/Comments

Inspector Comments: No visible encroachments identified.

No Photos

Issue No. Rating ** LM Start 0.00 7 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Inlets / Outlets 37.112313° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR ID DWR_NA0010_67_t _ 2017_7 Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels	Start		End			
Item	Culverts: Breaks / Holes /			37.1123	13 °	37.112313 °	
пеш	Cracks		-120.58845	58 °	-120.588458 °		
DWR ID DWR_NA0010_67_t _ 2017_8							
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		9
LM End	0.00	Issue Type +	Ma	Location *		
Category		s & Concrete Lined GPS Latitude/Longitude				e/Longitude
Calegory	Channels			Start		End
Item	Metal Pip	es		37.11231	3°	37.112313 °
пеш				-120.58845	8 °	-120.588458 °
DWR ID	DWR_NA0	010_67_t _ 201	7_9			
			_			

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

LM Start	0.00	Rating **	N	Issue No.		10	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete Lined GPS Latitude/Longitude				le/Longitude	
Calegory	Channels			Start	Start End		
Item	Trash Rad	cks		37.11231	3°	37.112313	0
пеш				-120.58845	8°	-120.588458	0
DWR ID	DWR_NA0	010_67_t _ 201	7_10				
		Action/	Comme	nts			

Inspector Comments: Item does not exist on this structure.

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		11
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Flap Gate	:S		37.11231	3°	37.112313 °
пеш				-120.58845	8 °	-120.588458 °
DWR ID DWR_NA0010_67_t _ 2017_11						
		A ation/	Camma	n+n		

Action/Comments

Inspector Comments: Item does not exist on this structure.

Issue No. LM Start 0.00 Rating ** Ν 12 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Sluice/Slide Gates 37.112313 ° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR_NA0010_67_t _ 2017_12 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 13 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start **Electric Gate Operators** 37.112313° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR ID DWR_NA0010_67_t _ 2017_13 Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		14	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	GPS Latitude/Longitude				
Calegory	Channels			Start	Start End		
Item	Manual G	ate Operators	;	37.112313	3°	37.112313	0
пеш				-120.588458	3°	-120.588458	0
DWR ID	DWR_NA0	010_67_t _ 201	7_14				
		A .: /	_				

Action/Comments

U

Ма

Issue No.

Location *

37.112313 °

-120.588458 °

15

37.112313 °

-120.588458 °

GPS Latitude/Longitude

Inspector Comments: Item does not exist on this structure.

Rating **

Issue Type +

Structures & Concrete Lined

DWR_NA0010_67_t _ 2017_15

No Photos



Damage to the left wall of the structure. (2020)

Rating ** Issue No. 15 (cont) LM Start 0.00 Issue Type + Location * 0.00 Ма

Action/Comments Inspector Comments: Concrete suraces on both outlet walls are damaged with exposed rebar. Damage appears to be from gunshots and should be repaired before further structural damage occurs and

Photo 2 of 3: ST_2020_NA0010_67_15_20200720_00010.jpg



Exposed rebar along the right Parshall flume wall. (2020)

Location LS : Land Side WS : Water Side CR : Crown

LM Start

LM End

Category

Item

DWR ID

LM End

0.00

0.00

Channels

Concrete Surfaces

exposed rebar poses a safety hazard.

Rating

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Monday, August 17, 2020 12:07 **FINAL DATA** Page 6 of 10

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.		15 (cont)
LM End	0.00	Issue Type +	Ма	Location *		
Category	& Concrete I	_ined	GPS Latitude/Longitude			
Calegory	Channels			Start End		
Item	Concrete	Surfaces		37.1123	13 °	37.112313 °
item				-120.5884	58 °	-120.588458 °
DWR ID DWR_NA0010_67_t _ 2017_15						
Action/Comments						

Inspector Comments: Concrete suraces on both outlet walls are damaged with exposed rebar. Damage appears to be from gunshots and should be repaired before further structural damage occurs and exposed rebar poses a safety hazard.



Damage to left wall of structure. (2019)

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Concrete	Tilting / Settle	ment	37.1123	3 °	37.112313 °	
пеш				-120.58845	8 °	-120.588458 °	
DWR ID DWR_NA0010_67_t _ 2017_16							
		Action/	Comme	nts			

Inspector Comments: No visible settlement or tilting.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		17
LM End	0.00	Issue Type +	Ma	Location *		
Category	s & Concrete I	Lined	GPS Latitude/Longitude			
Calegory	Channels			Start End		
Item	Concrete	Foundations		37.11231	3°	37.112313 °
пеш				-120.58845	8 °	-120.588458 °
DWR ID DWR_NA0010_67_t _ 2017_17						
		Action/	'Comme	nts		

Inspector Comments: No visible erosion near foundation. Unable to view full area due to water level.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

* Rating
A: Acceptab

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.		18
LM End	0.00	Issue Type +	Ма	Location *		
Category		ructures & Concrete Lined GPS Latitude/Longitude				le/Longitude
Calegory	Channels			Start End		
Item	Security F	encing		37.11231	3°	37.112313
пеш				-120.58845	8 °	-120.588458
DWR ID DWR_NA0010_67_t _ 2017_18						
	Action/Comments					

Inspector Comments: Item does not exist on this structure.

Issue No. LM Start 0.00 Rating ** Ν 19 Issue Type + Location * 0.00 Ma LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 37.112313 ° 37.112313 °

-120.588458 °

-120.588458 °

DWR ID DWR_NA0010_67_t _ 2017_19

Item

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 20 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 37.112313° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR_NA0010_67_t _ 2017_20 DWR ID Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	21		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels		GPS Latitude/Longitude					
		Start		End			
Item	Other Metallic Items		37.11231	3°	37.112313	0	
item		-120.588458 °		-120.588458 °			
DWR ID DWR_NA0010_67_t _ 2017_21							
Action/Comments							

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. LM Start 0.00 Rating ** Ν 22 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 37.112313 ° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR_NA0010_67_t _ 2017_22 DWR ID

Action/Comments

Inspector Comments: Item does not exist on this structure.

No Photos

Issue No. Rating ** LM Start 0.00 23 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 37.112313° 37.112313 ° Item -120.588458 ° -120.588458 ° DWR ID DWR_NA0010_67_t _ 2017_23 Action/Comments

Inspector Comments: No other safety issues identified other than the one noted in issue 15.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.	24	
LM End	0.00	Issue Type +	Ma	Location *		
Category Changels		GPS Latitude/Longitude				
Calegory	Channels			Start		End
Item Operation & Maintenance Manual		37.1123	13 °	37.112313 °		
			-120.5884	58 °	-120.588458 °	
DWR ID DWR_NA0010_67_t _ 2017_24						
Action/Comments						
Inspector Comments: The manual is on file in the office.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement